

# CVG 2.1 – COSMETICS AND PERFUMERY PRODUCTS

## IRAQ CAP – PRE-INSPECTION, TESTING AND ISSUING COC PROGRAMME

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## 1.0. OBJECTIVE

The purpose of this document is to provide technical information to Intertek Offices (IOs) on conformity assessment requirements for the following processes:

- Shipment Certification
- Product Certification and Registration

## 2.0. SCOPE

PRODUCTS COVERED			
HS / TARIFF CODE	DESCRIPTION	RISK	BATCH / NON-BATCH
---	Hand wash	HR	BP
---	Lather shaving cream	HR	BP
---	Perfumes	HR	BP
---	Shampoo	HR	BP
---	Toothpaste	HR	BP
---	Baby talc powder	HR	BP
---	Hair conditioner	HR	BP
---	Rouge (Blusher)	HR	BP
---	Skin creams	HR	BP
---	Tooth powder	HR	BP
---	Lip stick	HR	BP
---	Nail polish	HR	BP
---	Hair oils	HR	BP
---	Hair creams	HR	BP
---	Hair dye – liquid or putty	HR	BP
---	Depilatories, chemical	HR	BP
---	Skin powders	HR	BP
---	Lip salve	HR	BP
---	Hair pomades and brilliantines	HR	BP
---	Hair dye – powder	HR	BP
---	Henna powder	HR	BP
---	After shaving product	HR	BP
---	Hair permanent waving preparation	HR	BP
---	Aerosol hair spray	HR	BP
---	Eye shadow	HR	BP
---	Petroleum jelly (Vaseline)	HR	BP
---	Brushless shaving cream	HR	BP
---	Skin lotion	HR	BP
---	Hair styling gel	HR	BP

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PRODUCTS COVERED			
HS / TARIFF CODE	DESCRIPTION	RISK	BATCH / NON-BATCH
---	Deodorant	HR	BP
---	Cosmetic pencils	HR	BP
---	Toothbrushes	HR	BP
---	Body shampoo	HR	BP
---	Toilet soap for children	HR	BP
---	Mouth wash	HR	BP
---	Nail polish remover	HR	BP
---	Hydrogen Peroxide 9% (30 vols.) and 12% (40 vols.)	HR	BP
---	Foam hair styling spray	HR	BP
---	Shaving foam spray	HR	BP
---	Foam hair remover spray	HR	BP
---	Children lotion	HR	BP
---	Emollient oil for children skin	HR	BP
---	Anti- perspirant	HR	BP
---	Halawa – hair remover	HR	BP
---	Shaving gel spray	HR	BP
---	Hair spray	HR	BP
---	Body shampoo for children	HR	BP
---	Shampoo for sensitive, dyed or damaged hair	HR	BP
---	Shaving gel	HR	BP
---	Deodorant based on (farnesol)	HR	BP
---	Body wash for sensitive areas (Balanced intimate wash)	HR	BP
---	Deodorant Containing limonene and linalool	HR	BP
---	Soap (Dove)	HR	BP
---	Temporary based straighter for (waved hair) and Conditioning shampoo (Sofnfree)	HR	BP

**LEGEND:** **LR** – LOW RISK      **MR** – MEDIUM RISK      **HR** – HIGH RISK      **SP** –SPECIAL PRODUCTS      **BP** – BATCH      **NBP** – NON-BATCH

PRODUCTS EXCLUDED FROM THIS CATEGORY		
HS / TARIFF CODE	DESCRIPTION	REMARKS
---	Sanitary pads and Diapers	Included in CVG 14.10 - Diapers and Sanitary Napkins
---	Antibacterial Handwash/Toilet Soap/Gels (E.g. Dettol Bodywash, Lifebuoy Bodywash, Sterile Hand Gel)	Included in CVG 2.7 – Non-Cosmetic Products (Antibacterial Soap/Handwash/Bodywash/Gel etc.)

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## 3.0. APPLICABLE STANDARDS

CAP STANDARD REFERENCE NO.	INTERNATIONAL / OTHER EQUIVALENT	PRODUCTS COVERED
IQS 695-1 <sup>st</sup> Update:2019	---	Hand wash
IQS 931:1988-1 <sup>st</sup> Amend:2005	---	Lather shaving cream
IQS 939: 2016-1 <sup>st</sup> Amend:2017	---	Perfumes
IQS 945:2016-1 <sup>st</sup> Amend: 2020	---	Shampoo
IQS 1100:2011-Update 1:2012-Update 2:2022	---	Toothpaste
IQS 1123-Update 1:2016	---	Baby talc powder
IQS 1124-Update 1:2011	---	Hair conditioner
IQS 1159:1988	---	Rouge (Blusher)
IQS 1161-Update 1:2018	---	Skin creams
IQS 1162:1988	---	Tooth powder
IQS 1163-Update 1:1995-Amend 1:2002	---	Lip stick
IQS 1164:1993	---	Nail polish
IQS 1175:1988-1 <sup>st</sup> Update:2022	---	Hair oils
IQS 1194:1988	---	Hair creams
IQS 1405: 1989-A1:2009- A2:2012	---	Hair dye – liquid or putty
IQS 1602-1st Update:2018	---	Depilatories, chemical
IQS 1654:1991	---	Skin powders
IQS 1678-Update 1:2018	---	Lip salve
IQS 1679:1991	---	Hair pomades and brilliantines
IQS 1680:1991	---	Hair dye – powder
IQS 1681:1991	---	Henna powder
IQS 1682- Update 1: 2018	---	After shaving product
IQS 1790:1993	---	Hair permanent waving preparation
IQS 1795:1993	---	Aerosol hair spray
IQS 1832:1993	---	Eye shadow
IQS 1886:2017	---	Petroleum jelly (Vaseline)
IQS 1956:1995	---	Brushless shaving cream
IQS 2079:1998	---	Skin lotion

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CAP STANDARD REFERENCE NO.	INTERNATIONAL / OTHER EQUIVALENT	PRODUCTS COVERED
IQS 2219:2002	---	Hair styling gel
IQS 2289: 2010-1 <sup>st</sup> Amend:2012	---	Deodorant
IQS 2322-Update 1:2023	---	Cosmetic pencils
IQS 5012:2018	---	Cosmetics – Labelling and Packaging
IQS 5016:2016	---	Toothbrushes
IQS 5101:2018-1 <sup>st</sup> Amend:2020	---	Body shampoo
IQS 5121:2020	---	Toilet soap for children
IQS 5167:2022	---	Mouth wash
IQS 5179:2022-1 <sup>st</sup> Amend: 2023	---	Baby shampoo
TR Chem No. 4:2000	---	Nail polish remover
TR Chem No. 6:2000	---	Hydrogen Peroxide 9% (30 vols.) and 12% (40 vols.)
TR Chem No. 7:2000- 1 <sup>st</sup> Amend:2002	---	Foam hair styling spray
TR Chem No. 8:2000- 1 <sup>st</sup> Amend:2002	---	Shaving foam spray
TR Chem No. 9:2000- 1 <sup>st</sup> Amend:2002	---	Foam hair remover spray
TR.Chem.No.10: 2000	---	Children lotion
TR Chem No.11:2000	---	Emollient oil for children skin
TR Chem No. 12-1 <sup>st</sup> Update:2012	---	Anti- perspirant
TR Chem No. 16:2000	---	Halawa – hair remover
TR Chem No. 49:2011	---	Shaving gel spray
TR Chem No. 51:2011	---	Hair spray
TR Chem No. 59: 2011-1 <sup>st</sup> Amend:2015	---	Shampoo for sensitive, dyed or damaged hair
TR Chem No. 92:2013	---	Shaving gel
TR Chem No. 105: 2013	IQS 2289:2010	Deodorant based on (farnesol)
TR Chem No. 116: 2020	---	Body wash for sensitive areas (Balanced intimate wash)
TR Chem No. 125-1 <sup>st</sup> Amend:2017	---	Deodorant Containing limonene and linalool
TR Chem No. 132- 1 <sup>st</sup> Update: 2022	---	Safety Requirements for Cosmetic Products
STR Chem 1	---	Soap (Dove)
STR Chem 4	---	Temporary based straighter for (waved hair) and Conditioning shampoo (Sofnfree)

## 4.0. ESSENTIAL REQUIREMENTS

ESSENTIAL REQUIREMENTS	
Marking	Markings shall be easily legible and durable in <b>Arabic</b> or <b>Arabic</b> and <b>English</b> language for all explanatory information, technical requirements, warnings, and safety instructions as per the Iraqi General Technical Regulation:2023 (Implementation date <b>14<sup>th</sup> May 2024</b> ).
Country of Origin	All products shall be marked with <b>Country of Origin</b> . Abbreviation of <b>Country of Origin</b> marking is acceptable for the following countries only: <ul style="list-style-type: none"><li>• EU: for any country member of the European Union</li><li>• UK: United Kingdom of Great Britain</li><li>• USA: United States of America</li><li>• PRC: People’s Republic of China</li></ul>
<b>Note:</b> IOs should not proceed with Shipment Certification of the products in case there is failure in any one of the above Essential Requirements unless corrective action is undertaken to rectify the discrepancy.	

## 5.0. TEST REQUIREMENTS

Intertek Offices are to proceed as follows:

1. Examine the products to be tested and identify the applicable Standard/s from **Section 3**. In some cases, more than one Standard may be applicable for a specific product.
2. Refer to the tables given below and select only the Test Tables relevant to the Standard/s you have selected.
3. Read and note the Essential Requirements/ National Deviations given in **Section 4** and incorporate these points in the testing requirements.
4. Critical test parameters within a Test Table are identified with the help of a tick mark under the column ‘**CT**’.
5. Test Methods Standards have been identified where such Test Methods are mandated by the specification Standard. In the absence of the mandated Test Methods internationally accepted Test Method Standards can be applied.
6. If Test Reports are submitted in lieu of testing, then the test data should be evaluated for compliance against the relevant Standard/s in the Test Table given below and Essential Requirements/National Deviations given in **Section 4**.
7. For Route A shipments, Critical Tests of the different products groups included in the shipment may be performed instead of Full Type Tests to mitigate costs and turnaround time constraints.

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## 5.1. PERFUMES

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	Type -1: Cologne Type-2: Perfume water or Scented water Type-3: Perfume Type-4: Essential oil or Volatile perfume extract	IQS 939: 2016 – Amend 1:2017	3	---	✓
2	Appearance	Product must be pure of no color or of light color and free of deposits and wastes and of remarkable smell of the oil or the group of the natural or artificial perfume volatile oils		4.1	---	✓
3	Raw Materials Requirement	Raw Materials of the product shall be in accordance with European legislation number 1223		4.2	---	✓
4	Turbidity	- Shall not be turbid at 5 °C (Type-1-) - Shall not be turbid at 15 °C (Type -2 and - 3)		4.3	---	✓
5	Methanol	Shall be free		4.4	Clause 8.1	✓
6	Isopropanol	Shall be free		4.5	Clause 8.2	✓
7	Triglycerides and resin glycerides	Shall be free		4.6	Clause 8.3	✓
8	Labelling	Refer to <i>IRQ-AIR-2.1</i>		5	---	✓
9	Packaging			6	---	✓

## 5.2. SHAMPOO

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	- Shall be in a liquid form, homogenous and not separated, it can be coloured or fragrant. - Shall be clear, transparent and free from residues.	IQS 945: 2016-A1: 2020	2.1	---	✓
2	Raw Materials	Shall be in compliance		2.2	European Legislation No. 1223	✓
3	Active ion ingredient	Shall be negative, calculated as Sodium Lauryl Ether Sulphate a minimum of 7.5% (or minimum 5% only if substances soluble in alcohol are minimum 10%)		2.3	---	✓
4	Characteristics	Refer to below Table 5.2.1		2.4	---	✓
5	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
6	Packaging			4	---	✓

**Note:** Dandruff Shampoo, Child Shampoo, and all Medical Shampoos are exempted from this Specification.



### 5.2.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS
1	Lead (Pb) (ppm)	Max. 20 ppm
2	Arsenic (As <sub>2</sub> O <sub>3</sub> ) (ppm)	Max. 2 ppm
3	pH (at 27 °C ± 2)	4 – 8.5
4	Foaming (2 % in distilled water)	Min. 150 mm
5	<b>Microbiology</b>	
	Total Count for microorganism cfu/g, max.	500
	Total yeast and mould cfu/g	Shall be absent
	Total count for Pathogenic bacteria	Shall be absent

### 5.3. BABY TALC POWDER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be made from talc, a form of a white smooth powder free flowing completely free from grit, lightly fragranced and non-irritating to the skin of children	IQS 1123-Update 1:2016	2.1	---	✓
2	Raw Materials	Shall be in compliance with European Legislation No. 1223		2.2	---	✓
3	Colorants and boric acid	Shall be free		2.3	IS 5339	✓
4	Characteristics	Refer to below Table 5.3.1		2.4	IQS 654, IQS 712	✓
5	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
6	Packaging			4	---	✓

**Note:** Talc Powder for adults and Medical Powder with a therapeutic effect are exempted from this Specification.

### 5.3.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Insoluble substances in boiling water (% per mass), min.	90%	IQS 1654, Clause 8.2
2	<b>Softness</b>		IQS 1654, Clause 8.3
	Remaining on a measuring sieve of 75 µm (% per mass), max.	2.5%	
	Remaining on a measuring sieve of 150 µm (% per mass), max.	0.5%	
3	Humidity and volatiles substances (% per mass), max.	2%	IQS 1654, Clause 8.4
4	pH	5.5 – 8.0	IQS 1654, Clause 8.5
5	Iron (Fe) (% per mass), max.	1%	IQS 712, Clause 6.10
6	Lead (Pb) (ppm), max.	20	IQS 1654, Clause 8.7
7	Arsenic Trioxide (As <sub>2</sub> O <sub>3</sub> ) (ppm), max.	2	IQS 1654, Clause 8.8

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SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
8	Microbiology		---
	Total count for aerobic microorganism (CFU/g or ml), max.	1x10 <sup>2</sup>	
	Total yeast and mould (CFU/g or ml), max.	10	
	Total count for Pathogenic bacteria	Shall be absent	

## 5.4. HAIR CONDITIONER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	General Requirements	Shall be a homogenous emulsion free from residues or sediments when visually tested and shall have an acceptable odour	IQS 1124-Update 1:2011	2.1	---	✓
2	Raw Materials	Shall be in compliance		2.2	---	✓
3	Characteristics	Refer to below Table 5.4.1		2.3	---	✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
5	Packaging			4	---	✓

### 5.4.1 CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Cationic surface – active matter calculated as acetyl tri methyl ammonium chloride (Molar mass = 320) (% per mass)	Min 1.0	Guide No. 4/20
2	pH	2.5 – 6.0	Clause 5.2.2
3	<b>Microbiology</b>		Thailand Standard 152:1975
	Total count for microorganism (CFU/g)	Max. 500	
	Yeast and mould (CFU/g or ml)	Shall be absent	
	Pathogenic bacteria	Shall be absent	

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## 5.5. ROUGE (BLUSHER)

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>Liquid (water emulsion/ oil or oil/ water)</li><li>Oily</li><li>Compact powder</li></ul>	IQS 1159: 1988	2	---	✓
2	General Requirements	Shall be stable and easy to use		3.1.1	---	✓
3	Raw Materials	Shall be in compliance		3.1.2	---	✓
4	Colorants and tincture	Shall be 1.5 to 6%		3.1.3	---	✓
5	Microbiology	Non-pathogenic microorganisms < 100 CFU/g		3.1.4	---	✓
		yeast and moulds < 10 CFU/g				
		Free form pathogenic bacteria				
6	General requirements for Liquid Type	Ethanol not less than 10%		3.2.1	---	✓
		The product shall be stable and homogeneous. No separation of its components during storage		3.2.2	IQS 1159:1988	✓
7	General requirements for Oily Type	Wax with high melting point shall be used in certain proportions so that the product has a smooth flow when used		3.3.1	---	✓
		The grain size of the coloured substance shall not exceed 50 microns		3.3.2	---	✓
		Shall pass all the stability test mentioned in clause 5.1		3.3.3	IQS 1159:1988	✓
		<b>For Stick-Shaped Rouge Blushers:</b> - Shall be in compliance with clause 3.3.1 and 3.3.2 Shall pass stability test in clause 5.2 - Melting point of the product shall not be less than 60 ° when determined by capillary tube method - shall not break when used - shall not sweat when the sweating test is done as mentioned in 5.3		3.3.4 3.3.4.1 3.3.4.2 3.3.4.3 3.3.4.4		
8	General requirements for Powder Type	The product is pressured with adequate pressure, shall be easy to use with its own Brush	3.4.1	---	✓	
		Shall not break, when falling from a 20-25cm height on a wooden surface three times in row	3.4.2	---		
		-Shall be soft and free from rough grains -Remaining powder on a sieve measuring 75 microns shall not exceed 2.5% when tested according to clause 5.4	3.4.3	IQS 1159:1988		
9	Labelling	Refer to <b>IRQ-AIR-2.1</b>	6	---	✓	
10	Packaging		7	---	✓	

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
11	Additional requirements	The primary colour used in all types of blush shall be red-purple derivative	IQS 1159: 1988	8.1	---	✓
		Colours used in liquid from shall dissolve in water		8.2	---	✓
		Shall be filled in small glass bottles with a volume that does not exceed 7.5ml		8.3	---	✓
		Requirements for Stick-shaped Oily Type shall be as per clause 5.1 and 3.3.3		8.4	---	✓

## 5.6. SKIN CREAMS

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	General Requirements	Shall be a homogeneous emulsion with a dense texture and acceptable odour. It may be white or coloured	IQS 1161-Update 1:2018	2.1	---	✓
2	Raw materials	Shall be in compliance		2.2		
3	Characteristics	Refer to below Table 5.6.1		2.3	---	✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
5	Packaging			4	---	✓
Note:						
<ul style="list-style-type: none"><li>• Skin cream includes moisturizer, protector, soothing, cleanser, general purposes cream, etc.</li><li>• liquid fat preparations and special preparations for medicinal and therapeutic purposes are exempted from this Specification.</li></ul>						

### 5.6.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Thermal stability	Shall pass the test	Clause 6.1
2	pH	5 – 8.5	Clause 6.2
3	Fat matter content (% per mass)	Min 15	Clause 6.3
4	Water content (% per mass)	Max. 85	Clause 6.4
5	Heavy metals calculated as Lead (Pb) (ppm)	Max. 20	GSO 1152:2010
6	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> ) (ppm)	Max. 2	
7	<b>Microbiology</b>		ISO 21149, ISO 16212, ISO 18416, ISO 22717 & ISO 22718
	Total count for non-pathogenic microorganism (CFU/g)	Max. 1x10 <sup>2</sup>	
	Yeast and mould (CFU/g)	Max. 1x10	
	Pathogenic bacteria (CFU/g)	Shall be absent	

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## 5.7. LIP STICK

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>Stick</li><li>Tablet</li><li>Liquid</li></ul>	IQS 1163- Update 1:1995- Amend 1:2002	2	---	✓
2	Raw materials	Shall be in compliance		3.1	---	✓
3	Description	<b>Finger and disk form:</b> Shall be a solid, non-fragile, homogeneous, with acceptable taste and smell, free from perspiration and rancidity, and any dust-like layer on the surface		3.2.1	---	✓
		<b>Liquid form:</b> Shall be a homogeneous liquid with acceptable taste and smell		3.2.2		
4	Characteristics	Refer to below Table 5.7.1		3.3	---	✓
5	General Requirements for finger and disc form	Shall be easy to use, leaves a good layer on the lips (Finger and disk form)		3.4.1	---	✓
		Shall not break (Finger form), do not fade/melt or spread outside line after applying on the lips (finger and disc form)		3.4.2	---	✓
		Ductility % shall not be less than 55 °C (finger form only)		3.4.3	Clause 7.5	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>	4	---	✓	
7	Packaging		5	---	✓	

### 5.7.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> ) (ppm)	Max. 2	Clause 7.2
2	Heavy metals measured as Lead (Pb) (ppm)	Max. 20	Clause 7.3
3	<b>Microbiology</b>		---
	Aerobic plate count (cfu/g)	Max. 100	
	Yeast and Mould (cfu/g)	Max. 10	
	Pathogenic bacteria (cfu/g)	Shall be absent	

## 5.8. NAIL POLISH

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Raw materials	Shall be in compliance	IQS 1164: 1993	3.1	---	✓
2	General Requirements	Shall be a homogeneous liquid with a certain flow, free from foreign materials or rough and granular particles, and gives a layer on to the nails with the same mentioned specifications		3.2	---	✓
		Shall not leave stains on the nails when removed with nail polish remover		3.3		
3	Characteristics	Refer below <b>Table 5.8.1</b>		3.4	---	✓
4	Labelling	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
6	Packaging			5	---	✓

### 5.8.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Non-volatile substances (% / mass)	Min 23	Clause 7.2
2	Drying time (min)	Max. 6	Clause 7.3
3	Adhesion	Shall pass the test	Clause 7.4
4	Scratches	---	Clause 7.5
5	Change of colour in water	---	Clause 7.6
6	Heavy metals	---	Clause 7.7

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## 5.9. HAIR OIL

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>Type 1: Based on one or more vegetable oils</li><li>Type 2: Based on mineral oil</li><li>Type 3: Based on a mixture of one or more vegetable oils and mineral oils</li></ul>	IQS 1175:1988-1 <sup>st</sup> Update:2022	3	---	✓
2	General Requirements	Shall be clear, homogeneous and free from any sediments and suspended matters at (25 ± 1) °C. The product may be colourless or coloured and can be perfumed with an acceptable scent. The product may contain suitable antioxidants that prevent it from developing unpleasant rancid odour throughout its period.		4.1	---	✓
3	Raw materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2022		4.2	---	✓
4	Base oil	Refer below Table 5.9.1		4.3	---	✓
5	Acid Value	Shall not exceed 1.0 for Types 1 and 3 Type 2 shall pass the test		4.4	Clause 8.2.1 Clause 8.2.2	✓
6	Peroxide Value	Shall not exceed 10 mq for every 1000 gm		4.5	Clause 8.3	✓
7	Heavy metals content	Refer to below Table 5.9.2		4.6	---	✓
8	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
9	Packaging			6	---	✓

### 5.9.1. BASE OIL

SL NO.	TYPE	BASE OIL <sup>B</sup>	REQUIREMENT
1	Type 1 <sup>A</sup>	Castor oil	Shall conform to IQS 1794
		Coconut oil	Shall conform to IQS 1697
		Groundnut oil	Shall conform to IQS 1888
		Sesame oil	Shall conform to IQS 1818
2	Type 2	Mineral oil	Shall conform to IQS 1604
3	Type 3	Oils used shall conform to Type 1 and Type 2	
<sup>A</sup> Any other base oil used shall conform to EC 1223:2022			
<sup>B</sup> Base oils for cosmetic production			

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## 5.9.2. HEAVY METALS CONTENT

SL NO.	HEAVY METALS	LIMIT (MAX.)	TEST METHOD
1	Lead	10 ppm	IS 16913:2018
2	Arsenic	2 ppm	
3	Cadmium	3 ppm	
4	Mercury	1 ppm	
5	Antimony	5 ppm	

## 5.10. HAIR CREAMS

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Raw materials	Shall be in compliance	IQS 1194: 1988	3.1	---	✓
2	General Requirements	Refer to below Table 5.10.1		3.2	---	✓
3	Labelling	Refer to <b>IRQ-AIR-2.1</b>		6	---	✓
4	Packaging			7	---	✓
5	Additional Requirements	Refer to below Table 5.10.2		8.2	---	✓
Note: This specification includes emulsion hair preparations.						

### 5.10.1. GENERAL REQUIRMENTS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Description	Shall be a thick emulsion or homogeneous fatty mass with or without perfume	---
2	Thermal Stability	Shall pass the test	Clause 5.2
3	pH	5.0 – 9.0	Clause 5.3
4	Total Lipid content (%/mass)	Min 15	Clause 5.4
5	Water content (%/mass)	Max. 85	Clause 5.5
6	<b>Microbiology</b>		
	Total count for non-pathogenic microorganism (cfu/g)	Max. 500	---
	Yeast and mould (cfu/g)	Max. 50	---
	Pathogenic bacteria (cfu/g)	Shall be absent	---



### 5.10.2. ADDITIONAL REQUIREMENTS

SL NO.	TYPE	COMPOSITION	PERCENTAGE
1	Mineral oil emulsion (w/o)	Mineral oil	49%
		Citric Acid	1%
		Lime Water	50%
		Perfumes and preservatives	Enough quantity
2	Vegetable oil emulsion (o/w)	Di glycol stearate	8%
		Water	60%
		Castor oil	16%
		Almond oil	16%
		Perfumes and preservatives	Enough quantity
3	Mineral and vegetable oil mixture emulsion (o/w)	Mineral oil	32%
		Tigen (registered trade name)	10%
		Water	50%
		beeswax	3%
		Castor oil	5%
		Perfumes and preservatives	Enough quantity
4	Lipid acid and ester lipid acid emulsion (w/o)	Acid oleic	20%
		Beeswax	1%
		Lanolin	0.5%
		Lime water	33.5%
		Sugar lime water	5%
		Olive oil	40%
		Perfumes and preservatives	Enough quantity

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## 5.11. HAIR DYE – LIQUID OR PUTTY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Raw materials	Shall be in compliance	IQS 1405: 1989- A1:2009- A2:2012	2.1	---	✓
2	Dye Requirements	The surface-active agent is usually aryl amine to which is added a substance with surfactant activity in an alkaline medium and may contain appropriate rates		2.2	---	✓
		Shall be compliant with requirements in Table 5.11.1		2.2.1		✓
3	Oxidizing agent	An oxidizing agent usually hydrogen peroxide, shall be free from any foreign matter and shall stabilize the dye adequately		2.3	---	✓
		Shall be compliant with requirements in Table 5.11.1		2.3.1		✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		4	---	✓
5	Packaging			5	---	✓

### 5.11.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
<b>Dye characteristics</b>			
1	pH	9.0 – 11.0	Clause 6.2
2	Total active substance (%/Mass)	0.5 – 4	Clause 6.4
<b>Oxidizing agent characteristics</b>			
3	pH	1.8 - 4	Clause 6.2
4	Concentration measured as (H <sub>2</sub> O <sub>2</sub> ) (% m/v)	5 – 6.5	Clause 6.3

## 5.12. DEPILATORIES

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be in form of homogeneous cream or emulsion, can be perfumed or coloured and shall spread easily on the skin	IQS 1602-1 <sup>st</sup> Update:2018	2.1	---	✓
2	Raw materials	Shall be compliant with the specific regulations		2.2	---	✓
3	General Requirements	Shall completely transform human’s hair into a soft mass that can be easily removed from the skin by wiping or rinsing within 10 minutes approximately		2.3	---	✓
		The product does not irritate the skin when applied within the specified period of application		2.4		✓
		Shall be compliant with requirements in below Table 5.12.1		2.5		✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
5	Packaging			4	---	✓
Note: Depilatories containing metal sulfides or with tin structures are excluded from this specification.						

### 5.12.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	pH	11.0 – 12.7	Clause 6.2
2	Thioglycolate measured as thioglycolic acid (%/ mass)	2.5 - 5	Clause 6.3
3	Thermal Stability	Shall pass the test	Clause 6.4
4	<b>Microbiology</b>		
	Total count for non-pathogenic microorganism (cfu/g)	Max. 1 x 10	ISO 21149, ISO 16212, ISO 18416, ISO 22717 & ISO 22718
	Yeast and mould (cfu/g)	Max. 1 x 10	
	Pathogenic Bacteria (cfu/g)	Shall be absent	

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### 5.13. COSMETIC PENCILS

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	Shall be of the following types: <ul style="list-style-type: none"><li>● Eyebrow pencil</li><li>● Eyeliner pencil</li><li>● Blusher pencil</li><li>● Eye shadow pencil</li><li>● Highlighter pencil</li><li>● Lip-definer pencil</li></ul>	IQS 2322- Update 1:2023	3	---	✓
2	Raw Materials	Shall be permitted to be used hygienically according to EC 1223/2022 <b>Note:</b> Organic colors shall not be used in the pencils to be used in the eye area. Instead, inorganic oxide colors shall be used.		4.1	---	✓
3	Slip (for pencils with a sharpen-able casing)	<ul style="list-style-type: none"><li>● Shall be a single piece, free of coarse grits to produce smooth, even and uniform lines</li><li>● Shall be sufficiently strong to withstand sharpening with a sharp knife or pencil sharpener and does not break when drawing lines easily during normal use</li></ul>		4.2	---	✓
4	Slip-enclosing Casing	<ul style="list-style-type: none"><li>● Sharpen-able Casing: Shall be made of wood, plastic, or any other suitable material, and shall be smooth, easy to sharpen, and free of knots, cracks, holes, splinters, and other defects.<ul style="list-style-type: none"><li>- Can be easily cut with a sharp knife with a reasonably fine blade. When sharpened with a pencil sharpener, the case shall be of smooth and even finish.</li><li>- Shall enclose the slip in a neat manner so that the slip is centered</li><li>-Warpage of the casing shall be ≤ 0.5 mm in 80% of the pencil’s length and shall be ≤ 1.0 mm in 20% of the remaining length</li></ul></li><li>● Mechanically-Driven Casing: Shall provide proper finger thrust</li></ul>		4.3	Clause 8.1	✓
5	Heavy metals	Refer to below Table 5.13.1		4.4	---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
7	Packaging			6	---	✓

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### 5.13.1. HEAVY METALS

SL NO.	HEAVY METALS	MAX. LIMIT, PPM	TEST METHOD
1	Lead for: <ul style="list-style-type: none"> <li>cosmetic pencils for the lips and eye area</li> <li>other types</li> </ul>	5 10	IS 16913/2018
2	Arsenic	2	
3	Cadmium	3	
4	Mercury	1	
5	Antimony	5	

## 5.14. SKIN POWDER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Composition	Body products: <ul style="list-style-type: none"><li>• Shall consist of a non-harmful absorbent material in the form a smooth and easy to flow powder (like talc powder - Aqueous magnesium silicate)</li><li>• Shall contain small quantities of perfumes and colorants</li><li>• It may have anti-perspirant or scented properties</li></ul>	IQS 1654: 1991	3.1	---	✓
		Face products: <ul style="list-style-type: none"><li>• Shall contain the same materials used in the body product</li><li>• Shall be smooth and free from rough particles or granules</li><li>• The dye used shall be slight or insoluble in water or oil</li></ul>		3.2		
2	Raw materials	Shall be in compliance		4.1	---	✓
3	Characteristics	Refer to below Table 5.14.1		4.2	---	✓
4	Additional requirements for aerosol type	Shall be adequately pressured		4.3.1	---	✓
		Shall not break, when falling from a height of 20-25cm on a wooden surface for three consecutive times		4.3.2		
5	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
6	Packaging			6	---	✓
Note: Baby Talc powder and medicated powder are excluded from this specification.						

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### 5.14.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS BODY PRODUCT	LIMITS FACE PRODUCT	TEST METHOD
1	Insoluble substances in boiling water (%/mass)	Min 90%	Min 90%	Clause 8.2
2	<b>Softness</b>			
	Remaining on a 75 µm sieve (%/mass)	Max. 1.5%	Max. 0.5 %	Clause 8.3
	Remaining on a 150 µm sieve (%/mass)	Max. 0.1 %	Max. 0.1 %	
3	Humidity and volatile substances (%/mass)	Max. 2	Max. 3	Clause 8.4
4	pH	Max. 5.5- 9.0	Max. 5.5 – 8.5	Clause 8.5
5	Substances soluble in alcohol at 30 °C	Max. 7%	Max. 5%	Clause 8.6
6	Heavy metals measured as lead (Pb) (ppm)	Max. 20	Max. 20	Clause 8.7
7	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> )	Max. 2	Max. 2	Clause 8.8
8	Boric Acid	Shall be absent	Shall be absent	---
	<b>Microbiology</b>			
9	Total count for microorganism (cfu/g)	Max. 500	Max. 100	Clause 10.4
	Yeast and mould (cfu/g)	Max. 10	Max. 10	
	Pathogenic bacteria (cfu/g)	Shall be absent	Shall be absent	

### 5.15. LIP SALVE

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Raw Materials and additives	Shall be in compliance	IQS 1678- Update 1:2018	3.1	---	✓
2	Characteristics	Refer to below Table 5.15.1		3.2	---	✓
3	Labelling	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
4	Packaging			5	---	✓
<b>Note:</b> <ul style="list-style-type: none"> <li>Emulsified Lip Salve whether it is Oil/Water or Water/Oil is excluded from this specification.</li> <li>Lipstick, lip glosses and Lip Ointment for therapeutic purpose are not covered under this specification.</li> </ul>						

### 5.15.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	FINGER TYPE LIMITS	FATTY MASS LIMITS	TEST METHOD
1	Melt Extend (°C)	48 - 64	35 - 53	Clause 7.2
2	Texture (mm/10s)	50 – 100	100 - 275	Clause 7.3
3	Rancidity	Shall pass the test		Clause 7.4
4	Stability	Shall pass the test		Clause 7.5
5	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> )	Max. 2 ppm	Max. 2 ppm	Clause 7.6
6	Heavy metal measured as lead (Pb)	Max. 5 ppm	Max. 5 ppm	Clause 7.7

### 5.16. SKIN LOTION

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be a homogeneous liquid emulsion, with a stable texture and easy to flow. It Shall have an acceptable odour and may be white or coloured	IQS 2079: 1998	2.1	---	✓
2	Raw materials	Shall be in compliance		2.2	---	✓
3	Characteristics	Refer to below Table 5.16.1		2.3	---	✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
5	Packaging			4	---	✓
<b>Note:</b> <ul style="list-style-type: none"><li>Skin lotion includes moisturizing preparations, soothing preparations, cleanser preparations, and other types of emulsified fatty lotions.</li><li>Children’s lotion and Skin lotion for medicinal and therapeutic purposes are exempted from this Specification.</li></ul>						

### 5.16.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Thermal stability	Shall pass the test	Clause 5.2.1
2	pH	5.0 – 9.0	It shall be directly measured by pH scale at 27 ± 1 °C
3	Total fatty mass (%/mass)	Min 4	IQS 1161, Clause 5.3
4	Water content (%/mass)	Max. 96	IQS 1161, Clause 5.4
5	<b>Microbiology</b>		
	Total count for microorganism (cfu/g)	Shall not pass 100 CFU/g	---
	Yeast and mould (cfu/g)	Shall not pass 10 CFU/g	---
	Pathogenic bacteria (cfu/g)	Shall be free	---

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## 5.17. TOOTHPASTE

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Consistency	Shall be in the form of paste or gel and shall be homogenous, and free of lumps and particles to which the mouth is sensitive. Shall have an acceptable taste and odour	IQS 1100:2011- Update 1:2012- Update 2:2022	3.1	---	✓
2	Ingredient	Shall be free from sucrose, readily fermentable carbohydrates, antibiotics and alkylbenzene based detergents		3.2	---	✓
3	Ease of extrusion	The product shall extrude from the collapsible tube or suitable container in which it is packed in the form of continuous mass without applying excessive force that may cause damage to the tube or container. Majority of the product shall be extruded at room temperature		3.3	---	✓
4	Raw materials	Shall be permitted to be used hygienically		3.4	EC 1223	✓
5	Safety	Shall not cause injury to teeth, gums, and mucous membrane of the mouth when used in normal manner		3.5	---	✓
6	Fluorine content	Shall not exceed 0.15% and shall be less than 0.1% for children under 6 years of age		3.6	ISO 11609	✓
7	Heavy metal content	Refer to below Table 5.17.1		3.7	IS 16913	✓
8	Dioxin content	Shall not exceed 10 ppm		3.8	---	✓
9	pH (for solution containing 1 part of the product and 3 parts of water) at (25±1) °C within 10 minutes	5.5-10.5		3.9	---	✓
10	Microbial limits	Total count of aerobic bacteria: Shall not exceed $1 \times 10^2$ CFU/g or ml		3.10	ISO 21149 ISO 16212 ISO 18416 ISO 22717 ISO 22718	✓
		Fungi (moulds and yeast): Shall not be present				
		Pathogenic bacteria: Shall not be present				
11	Fineness	Particles retained on 150 µ standard sieve shall not exceed 0.1% m/m		3.11	IS 6356	✓
		Particles retained on 75 µ standard sieve shall not exceed 2.5% m/m				





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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
12	Stability	<div><div>— Shall not show any sign of damage during normal period of use or storage</div><div>— Shall be extruded from the tube or container and meet all the requirement when cooled to -5 ± °C for 1 hours</div><div>— The tube or container shall not be corroded or damaged and the product shall meet all the requirements when placed in an oven at 45 ± 2 °C for 10 days</div></div>	IQS 1100:2011-A1:2012-A2:2022	3.12	---	✓
13	Labelling	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
14	Packaging			5	---	✓
Note: Toothpaste for medicinal and therapeutic purposes is exempted from this Specification.						

### 5.17.1. LIMIT OF HEAVY METALS

SL NO.	HEAVY METAL	LIMIT (MAX.)
1	Lead	5 ppm
2	Arsenic	2 ppm
3	Cadmium	3 ppm
4	Mercury	1 ppm
5	Antimony	5 ppm

### 5.18. TOOTH POWDER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>Type (1): Foaming Agent</li><li>Type (2): Non-foaming Agent</li></ul>	IQS 1162: 1988	2	---	✓
2	Description	Shall be soft, homogeneous, easy to flow, free from foreign bodies and strong abrasive materials		3	---	✓
3	Additives	Permitted to be used in Iraq and country of origin		4.1	---	✓
4	Characteristics	Shall be in compliance according to Characteristics given in Table 5.18.1		4.2	---	✓
5	Marking	Refer to <i>IRQ-AIR-2.1</i>		7	---	✓
6	Packaging			8	---	✓

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### 5.18.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS		TYPE 1 - FOAMING	TYPE 2 – NON-FOAMING	TEST METHOD
1	Softness	Remaining on measuring sieve 150 µm (%/mass)	Max. 0.1	Max. 0.1	Clause 6.2
		Remaining on measuring sieve 75 µm (%/mass)	Max. 2	Max. 5	Clause 6.2
2	Humidity and volatile matter (%/Mass)		Max. 5	Max. 5	Clause 6.3
3	pH of water suspension 10%		8 – 10.5	6 - 9	Clause 6.4
4	Lead calculated as Pb (ppm)		Max. 5	Max. 5	Clause 6.5
5	Arsenic calculated as As <sub>2</sub> O <sub>3</sub>		Max. 2	Max. 2	Clause 6.6
6	Abrasion		Shall pass the test		Clause 6.7

### 5.19. HAND WASH

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>Type 1: Soap solution</li><li>Type 2: Industrial cleaner</li></ul>	IQS 695-1 <sup>st</sup> Update:2019	3	---	✓
2	Description	Shall be in the form of clear liquid, homogeneous emulsion or an easy to flow gel and shall have an appealing fragrance		4.1	---	✓
3	Composition	<ul style="list-style-type: none"><li>It is made of an aqueous solution of potassium or sodium or both</li><li>Shall not contain other stabilizers</li></ul>		4.2	---	✓
4	Raw materials	Shall be in compliance		4.3	EC 648: 2004	✓
5	General requirements	Shall not cause irritation or allergic reaction on the skin		4.4	IS 11601: 2002	✓
		Shall preserve its characteristics and shall not show any separation or sedimentation when stored at (4.5±0.5) °C and (50±1) °C for 24 hrs each		4.5	---	✓
		Phenolic material content such as Cresolic acid shall be (0.25 to 0.75) %/mass		4.6	---	✓
		Shall be free from Alkyl aryl sodium sulfonate		4.7	---	✓
6	Characteristics	Refer to below Table 5.19.1		4.8	---	✓
7	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
8	Packaging			6	---	✓
Note: Industrial and Medical Hand Wash are exempted from this Specification.						

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**5.19.1. CHARACTERISTICS**

SL NO.	CHARACTERISTICS	TYPE -1 – SOAP SOLUTION	TYPE -2 – INDUSTRIAL CLEANER	TEST METHOD
1	Total fatty matter (%/mass)	Min. 15	---	Clause 4.5
2	Free Alkaline content calculated as K <sub>2</sub> O (%/mass)	Min. 0.03	---	Clause 4.10
3	Substances not dissolved in alcohol (%/mass)	Max. 5	---	Clause 4.6
4	pH for a solution of 10% at 25°C	5 - 8.5		---
5	Total active substances content (%/mass)	-	Min. 7	IS 4955:2001
6	Chloride content (%/mass)	-	Max. 4	Clause 4.4
7	<b>Microbiology</b>			
	Total count for non-pathogenic microorganism (cfu/g)	Max. 500		ISO 21149:2017, ISO 16212:2017, ISO 1841:2015, ISO 22717:2015, ISO 22718:2015
	Yeast and mould (cfu/g)	Shall be absent		
	Pathogenic bacteria (cfu/g)	Shall be absent		

**5.20. SOAP (DOVE)**

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Anionic active matter	Min 50%	STR Chem No. 1	1.1	---	✓
2	Moisture content	Max. 15%		1.2	---	✓
3	Free caustic Alkali as NaOH	Max. 0.05%		1.3	---	✓
5	Radiation contamination	As stated by the authorized entities		1.4	---	✓
6	Marking	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
7	Packaging			3	---	✓

## 5.21. HAIR PROMADES AND BRILLIANTINES

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	Type 1 – Solid Type 2 – Liquid	IQS 1679: 1991	2	---	✓
2	Description	Solid hair pomades are in a smooth, homogenous fat form and the liquid ones are with a spill point is suitable for ensuring free flow at normal temperatures.		3.1	---	✓
3	Raw Materials	Shall be in compliance		3.2	---	✓
4	Characteristics	Shall comply with the requirements as per below Table 5.21.1		3.3	---	✓
5	Marking	Refer to <i><b>IRQ-AIR-2.1</b></i>		4	---	✓
6	Packaging			5	---	✓
<b>Note:</b> Hair pomades that have physiological effects on the body, dandruff, or hair or are made for therapeutic purposes are exempted from this Specification.						

### 5.21.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	TYPE 1 – SOLID TYPE	TYPE 2 -LIQUID TYPE	TEST METHOD
1	Fusion Extent (°C)	38 - 56	-	Clause 7.2
2	Relative Density at 27/27 °C	0.80 – 0.90	0.80 – 0.90	Clause 7.3
3	Sulphur Ash (%)	Max. 0.1	Max. 0.1	Clause 7.4
4	Sulphur and sulphide	Shall pass the test		Clause 7.5
5	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> )	Max. 2 ppm	Max. 2 ppm	Clause 7.6
6	Heavy metal measured as lead (Pb)	Max. 20 ppm	Max. 20ppm	Clause 7.7
7	Texture	100 – 275	-	Clause 7.8
8	Rancidity	Shall pass the test		Clause 7.9
9	Bleed Number	5 – 15	-	Clause 7.10
10	Stability	Shall pass the test		Clause 7.11
11	Viscosity at 38°C (c)	-	27 – 72	IS 1448-25:1976
12	<b>Microbiology</b>			
	Total count for microorganism (cfu/g)	Max. 500	Max. 500	---
	Yeast and mould (cfu/g)	Max. 50	Max. 50	
	Pathogenic bacteria (cfu/g)	Shall be absent	Shall be absent	

## 5.22. HAIR DYE – POWDER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Composition	Powder hair dye usually contains aryl oxide as a waving preparation and solid peroxide as an oxidizing agent and can also contain one or more of the following components: <ul style="list-style-type: none"><li>Thickening agent</li><li>Water Softening agent</li><li>Surface active agent</li><li>Fillers</li><li>Perfume</li></ul>	IQS 1680: 1991	2	---	✓
2	Description	Shall be a soft smooth flowing powder and has a grey or black - grey colour		3.1	---	✓
3	Raw Materials	Shall be in compliance		3.2	---	✓
4	Characteristics	Refer to below Table 5.22.1		3.3	---	✓
5	Marking	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
6	Packaging			5	---	✓

### 5.22.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	pH for a solution of 5% (by mass) in water	7 - 10	Clause 7.2
2	Total active substances (% by mass)	Max. 30	Clause 7.3
3	<b>Microbiology</b>		
	Total count for microorganism (cfu/g)	Max. 100	---
	Yeast and mould (cfu/g)	Max. 10	
	Pathogenic bacteria (cfu/g)	Shall be absent	

## 5.23. HENNA POWDER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be in the form of green dry powder, free from foreign substances that are often used for fraud such as: fruit crops, henna plants, rice husks, leaves and other shrubs, etc.	IQS 1681: 1991	2.1	---	✓
2	General Requirements	Shall be free from living or dead insects and any part of their bodies, shall be free from all pathogens		2.2	---	✓
		95% of the powder shall pass a measuring sieve of 250µm		2.3	---	✓
		Characteristics, refer to below Table 5.23.1		2.4	---	✓
3	Marking	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
4	Packaging			4	---	✓

### 5.23.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Humidity and volatile substances (%/mass)	max. 10	Clause 4, IS 7159:1984
2	Extract in cold water (%/mass)	max. 25 - 32	Clause 5
3	Raw Fibres (%/mass)	10 - 15	Clause 6
4	Minerals (%/mass)	8 - 12	Clause 7
5	Ashes insoluble in acid (%/mass)	3 - 6	Clause 8
6	Added Ash (%/mass)	max. 5	Clause 9
7	Exotic dyes	Shall pass the test	Clause 10
8	Foreign dye (Lawson's tincture) (%/mass)	min. 10	Clause 11
9	<b>Microbiology</b>		
	Total count for non- pathogenic microorganism (cfu/g)	max. 10 <sup>6</sup>	---
	Fecal Coliforms (cfu/g)	max. 10	
	Staphylococcus (cfu/g)	max. 100	
	Clostridium perfringens (cfu/g)	max. 100	
	Salmonella (cfu/g)	Shall be absent	

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## 5.24. AFTER SHAVING PRODUCT

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	<ul style="list-style-type: none"><li>Liquid (solution or emulsion)</li><li>Jelly</li></ul> <b>Note:</b> Some of the After-shave products may be non-alcoholic	IQS 1682- Update 1: 2018	2	---	✓
2	Description	<ul style="list-style-type: none"><li>Shall be homogeneous with an acceptable smell</li><li>May contain solvent, colorant agent, astringents, sterilisers or skin moisturizers</li><li>Shall be either transparent or totally free from any sediments and water planktons</li><li>Shall not get cloudy, half-transparent or totally obscure when tested at 5 °C</li><li>May contain cloudy or dark agents</li></ul>		3.1	---	✓
3	Raw Materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2009		3.2	---	✓
4	General Requirements	Ethanol shall be 5 – 70% by mass		3.3	Clause 7.3	✓
		Shall be free from methanol		3.4	Clause 7.4	✓
		Shall pass the thermal stability test		3.5	Clause 7.5	✓
		Shall not cause any irritation or infection in the skin		3.6	Clause 7.6	
5	<b>Microbiology</b>			3.7	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 1 x10 <sup>2</sup>			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
7	Packaging			5	---	✓
<b>Note:</b> After shaving products for medical and therapist purposes are exempted from this Specification.						

## 5.25. HAIR PERMANENT WAVING PREPERATION

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	A product composed of chemical component used to fix the hair and make it curly for a long period of time it may be in liquid, emulsion or powder form	IQS 1790:1993	2.1	---	✓
2	Types	<ul style="list-style-type: none"><li>Cold waving preparation cosmetics</li><li>Heat waving preparations cosmetics</li></ul>		3	---	✓
3	Raw Materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2009		4.1	---	✓
4	General Requirements	Shall be homogeneous and free from foreign bodies		4.2	---	✓
		Powder form products shall be prepared according to the method mentioned on the product packaging and shall be tested for all the requirements		4.3	---	✓
		Requirements for waving preparation refer to <b>Table 5.25.1</b>		4.4	---	✓
		Requirements for neutralizing preparation refer to <b>Table 5.25.2</b>		4.5		
		Hair shall remain frizzy after using the product according to the method on the packaging and after washing it for 3 times		4.6	---	✓
		Shall be stable a do not change or transform		4.7	---	✓
5	<b>Microbiology</b>			4.8	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be free			---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
7	Packaging			6	---	✓



### 5.25.1. WAVING PREPARATION

SL NO.	CHARACTERISTICS	COLD WAVING PREPARATION LIMITS	HEAT WAVING PREPARATION LIMITS	TEST METHOD
1	Thioglycolate measured as acid thioglycolic (%/mass)	4.0 – 8.4	1.0 – 5.0	**
2	pH at 27 °C	7.0 – 9.5	7.0 – 8.5	***

**Notes:**  
 \*\* Newburger`s manual of cosmetics analysis, 2<sup>nd</sup>. ed. , A.J. Senzel & Association of Official Analytical Chemists 1977, Washington  
 \*\*\* Using a pH meter equipped with a glass electrode and a calomel electrode

### 5.25.2. NEUTRALIZING PREPARATION

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Hydrogen peroxide measured as H <sub>2</sub> O <sub>2</sub> (%/ c/v)	1.5 – 2.0	Clause 8.1
2	pH at 27°C	3.0 – 4.0	---

## 5.26. AEROSOL HAIR SPRAY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Lotion in liquid form used to fix the hair, it is packed in packages with gas or liquefied gas, which gives the ability to spread the product in the form of drops.	IQS 1795: 1993	2.1	---	✓
		The propellant has a vapour pressure greater than 750 m / Hg (atmospheric pressure) at 40.6 ° C		2.2		✓
2	Raw Materials	Shall be in compliance		3.1	---	✓
3	General Requirements	Shall be stable and do not change or transform		3.2	Clause 7.1	✓
		– It shall fix the hair well and shall not form flaking on the hair – It can be removed easily when washing with water.		3.3	---	✓
		Shall make the hair shiny and shall not add any colour to the hair		3.4	---	✓
		The spray shall be in the form of very small drops		3.5		
		Shall not contain Methanol		3.6	IQS 939: 2016	✓
		Pressure in the container filled with propellant gas shall not exceed 5.5x10 <sup>5</sup> Pa at 45°C		3.7	ASTM D3074: 1985	✓
		Remaining in the container shall not exceed 2% by Mass after complete use with regular spraying		3.8	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
4	Microbiology		IQS 1795: 1993	3.9	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be free			---	✓
5	Labelling	Refer to <i>IRQ-AIR-2.1</i>		4	---	✓
6	Packaging			5	---	✓
Note: Spray hair dye products are exempted from this Specification.						



## 5.27. EYE SHADOW

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	<ul style="list-style-type: none"><li>Compact Disk (CD)</li><li>Finger</li><li>Soft Fatty Substance</li><li>Paint (emulsion)</li></ul>	IQS 1832:1993	2	---	✓
2	Raw Materials	Shall be in compliance		3.1.1	---	✓
3	Description	Shall be homogeneous, free from visible impurities, has an acceptable odour and easy to use		3.1.2	---	✓
4	Arsenic measured as (AS <sub>2</sub> O <sub>3</sub> )	<ul style="list-style-type: none"><li>Shall not exceed 2 ppm</li><li>For compact disk Type: Shall be in compliance</li><li>For other Types: Shall be in compliance</li></ul>		3.1.3	IQS 1654: 1991 & IQS 1655	✓
5	Heavy metals measured as lead (Pb)	<ul style="list-style-type: none"><li>Shall not exceed 20 ppm</li><li>For compact disk Type: Shall be in compliance</li><li>For other Types: Shall be in compliance</li></ul>		3.1.4		✓
6	<b>Microbiology</b>			3.1.5	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be free			---	✓
7	Special requirements for each form/type	Refer to below Table 5.27.1		3.2 3.3 3.4 3.5	---	✓
8	Marking	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
9	Packaging			5	---	✓



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### 5.27.1. TYPE OF EYESHADOW

SL NO.	TYPE OF EYESHADOW	REQUIRMENTS	TEST METHOD
1	Compact disk	Shall be compressed with an appropriate degree, the use of its own brush shall be easy	Clause 7.2
		Do not break, when falling from a 20-25cm height on a wooden surface for three times in row	
		Shall be smooth and free from rough grains	
		Remaining on a measuring sieve of 75um shall not exceed 2.5%	
2	Finger type	Shall not break	Clause 7.3
		Shall not melt	
		Shall not sweat	
		Shall remain its texture at 5 to 50 °C	
3	Soft fatty type	Shall not melt	Clause 7.5
		Shall pass the stability test	
4	Emulsion type	Shall not melt	Clause 7.6
		Shall pass the stability test	

### 5.28. PETROLEUM JELLY (VASELINE)

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>● Shall be in the form of soft fatty mass, transparent or coloured</li><li>● Shall preserve these characteristics during storing or when it melts and kept to cool without stirring</li><li>● Shall be slightly fluorescent in daylight or when molten</li><li>● Shall not dissolve in water or alcohol</li><li>● Shall dissolve in ether and chloroform</li></ul>	IQS 1886: 2017	2.1	---	✓
2	Smell	<ul style="list-style-type: none"><li>● Shall have an acceptable smell/scent at room temperature or when applied to the skin</li><li>● Shall not give an unacceptable odour when heated at 95-98 °C in boiling water for 30 minutes</li></ul>		2.2	---	✓
					---	✓
					---	✓
3	Raw materials	Shall be in compliance		2.3	---	✓
4	Characteristics	Refer to below Table 5.28.1		2.4	---	✓
5	Labelling	Refer to <i>IRQ-AIR-2.1</i>		3	---	✓
6	Packaging			4	---	✓

### 5.28.1. CHARACTERISTIC REQUIREMENTS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD (IQS 1655)
1	Melt extend (°C)	38 – 56	Clause 6.2
2	Saponifiable substances	Shall be absent	Clause 6.3
3	Acids and free Alkalis	Shall pass the test	Clause 6.4
4	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> ) (ppm)	Max. 2	Clause 6.5
5	Heavy metals measured as lead (Pb) (ppm)	Max. 20	Clause 6.6
6	Iodine value (g/100g)	Max. 1.5	Clause 6.7
7	Light absorption (quenching solution 0.1%)	Max. 1	Clause 6.8
8	Sulphur ash (%/mass)	Max. 0.1	Clause 6.9
9	Organic acids	Shall pass the test	Clause 6.10
10	Sulphur and Sulphide	Shall pass the test	Clause 6.11
11	Texture	100 - 275	Clause 6.12
12	Volatiles compounds (%/mass)	Max. 5.0	Clause 6.13

### 5.29. HAIR STYLING GEL

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	A smooth homogenous (not lumpy) clear gel, free from sediments and foreign matter	IQS 2219:2002	2.1	---	✓
2	Raw Materials	Shall be in compliance		2.2	---	✓
3	General Requirements	<ul style="list-style-type: none"> <li>Shall properly fix the hair,</li> <li>Shall be easily removed when rinsing with water</li> <li>Shall not be sticky</li> </ul>		2.3	---	✓
		<ul style="list-style-type: none"> <li>Shall be easy to comb when applied on hair</li> <li>Shall not form flakes after drying</li> </ul>		2.4	---	✓
		<ul style="list-style-type: none"> <li>Shall dry under natural weather conditions</li> </ul>		2.5	---	✓
		<ul style="list-style-type: none"> <li>Shall not form masses in between the hair strands</li> </ul>		2.6	---	✓
4	pH	Shall be between 5.0 - 8.0 at 27 ± 2 °C when measured with a glass electrode pH meter		2.7	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
5	<b>Microbiology</b>		IQS 2219:2002	2.8	Thailand Standard 152:1975	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100				✓
	Yeast and mould (cfu/g)	Shall not exceed 10				✓
	Pathogenic bacteria (cfu/g)	Shall be free				✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
7	Packaging			5	---	✓

### 5.30. HYDROGEN PEROXIDE

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Type	<ul style="list-style-type: none"><li>Type 1 - 9 % (30 vols)</li><li>Type 2 - 12 % (40 vols)</li></ul>	TR Chem No. 6	1	---	✓
2	Description	<ul style="list-style-type: none"><li>Shall be an Emulsion or homogeneous solution.</li><li>Shall be free from impurities or foreign matter.</li><li>It may be perfumed which should be acceptable.</li></ul>		2.1	---	✓
3	The concentration calculated as H <sub>2</sub> O <sub>2</sub> , percentage (m/v)	For type -1: 8.5 – 9.5 For type -2: 11.5 – 12.5		2.2	---	✓
4	Raw Materials	All raw materials shall be health acceptable in Iraq or Country of manufacturer		2.3	---	✓
5	Radiation contamination	as stated by the authorized entities.		2.4	---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
7	Packaging			4	---	✓

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### 5.31. DEODORANT

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"><li>First: Liquid spray – container contains pushing gas</li><li>Liquid spray – container without pushing has with a valve (Spraying pump)</li><li>Third: Solid stick</li><li>Fourth: Thick liquid in a roll on container</li></ul>	IQS 2289: 2010- Amend 1:2012	3	---	✓
2	Raw Materials	Shall be made of permissible materials in Iraq and country of origin		4.1	---	✓
3	Appearance	<ul style="list-style-type: none"><li>Shall be homogeneous,</li><li>Shall be free from foreign materials and visible impurities with an acceptable odour.</li></ul>		4.2	---	✓
4	Skin reaction	Shall not block the skin pores and has no harmful effect on it in normal use		4.3	---	✓
5	Fabric Reaction	Shall not affect the fabric or the colour of the clothes after being washed in normal methods		4.4	---	✓
6	Triclosan Content	The amount of antibacterial (Triclosan) shall be in-between 0.3 – 0.3 %/Mass for all tested types, according to a specific standard		4.5	---	✓
7	Discharge ability	For Type (1): remaining in the container shall not exceed 2%/mass after complete use with regular spraying		4.6	IQS 1795	✓
8	Spray	For Type (1) & type (2): the spray shall be in the form of very small/ tiny drops		4.7	---	✓
9	Methanol test	For all Types: Shall be completely free from Methanol		4.8	IQS 939: 2016	✓
10	Microbiology - Type (4) only			4.9	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
11	Labelling	Refer to <i>IRQ-AIR-2.1</i>		5	---	✓
12	Packaging		6	---	✓	

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### 5.32. EMOLLIENT OIL FOR CHILDREN SKIN

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be free from turbidity, water and visual foreign matter and impurities and with acceptable odour.	TR Chem No. 11:2000	1.1	---	✓
2	Free acid and Alkali	Shall pass the test		1.3	IQS 1406	✓
3	Odour	<ul style="list-style-type: none"><li>At room temperature: Nil</li><li>When heated at (95-98) °C (for half an hour on a water bath: Not objectionable.</li></ul>		1.4		✓
4	Ash 9%/Mass)	Max 0.01		1.5		✓
5	Arsenic measured as (As <sub>2</sub> O <sub>3</sub> ) ppm	Max 2		1.6		✓
6	Lead measured as Pb (ppm)	Max 20		1.7		✓
7	Sulphur and sulphide	Shall pass the test		1.8		✓
8	<b>Microbiology</b>			1.9	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 10			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	pathogenic bacteria (cfu/g)	Shall be absent			---	✓
9	Raw Materials	Shall be in compliance		1.10	---	✓
10	Radiation contamination	As stated by the authorized entities.		1.11	---	✓
11	Marking	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
12	Packaging			3	---	✓



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### 5.33. ANTI-PERSPIRANT

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	<ul style="list-style-type: none"><li>Type-1: Aerosol spray- liquid</li><li>Type-2: Pump – closure spray - liquid</li><li>Type-3: Stick - solid</li><li>Type-4: Roll on– thick liquid</li></ul>	TR Chem No. 12-1 <sup>st</sup> Update:2012		---	✓
2	Description	Shall be a homogeneous mixture, free from visible foreign matter.		2.1	---	✓
3	Container discharge - Type (1) only	Residual matter in the container shall not exceed 2% by Mass after complete use with regular spraying		2.2	IQS 1795	✓
4	Spray - Type (1) only	Material spray shall be in the form of small drops		2.3	---	✓
5	Methanol	Shall be absent		2.4	IQS 939	✓
6	Aluminium	Shall be positive		2.5	---	✓
7	Raw Materials	All raw materials shall be health acceptable in Iraq or Country of manufacturer		2.6	---	✓
8	<b>Microbiology</b> - Type (4) only			2.8	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
9	Radiation contamination	As stated by the authorized entities.		2.9	---	✓
10	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
11	Packaging			4	---	✓





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## 5.34. BODY SHAMPOO

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be in the form of homogeneous and non-separated liquid or gel, it can be coloured or fragrant.	IQS 5101: 2018-1 <sup>st</sup> Amend:2020	3.1	---	✓
2	Raw materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2009		3.2	---	✓
3	Active ion ingredient	The ionized effective material ingredient shall be minimum 5%, (provided that soluble content in alcohol shall not be less than 7%)		3.3	---	✓
4	General requirements	Shall be free from linear alkyl aryl sulfonate components		3.4	---	✓
		Shall not cause any harm, irritation or redness on the skin when used		3.5		
		Refer to below Table 5.34.1		3.5		
5	Labelling	Refer to <b><i>IRQ-AIR-2.1</i></b>		4	---	✓
6	Packaging			5	---	✓

### 5.34.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS
1	Lead (Pb)	Max 20 ppm
2	Arsenic (As)	Max 2 ppm
3	pH (at 27 °C ± 2)	4 – 8.5
4	pH (at 27 °C ± 2) – for products with saponification substances	8 - 10
5	Percentage of Mineral Salts measured as NaCl	Max 4%
6	<b>Microbiology</b>	
	Total microorganism count cfu/g	Max. 500
	Total yeast and mould cfu/g	Shall be absent
	Pathogenic bacteria	Shall be absent

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### 5.35. SHAMPOO FOR SENSITIVE, DYED OR DAMAGED HAIR

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>● Shall be a homogeneous non-separated liquid</li><li>● May be coloured or scented.</li><li>● Shall be clear and transparent</li><li>● Shall be free from visible impurities</li></ul>	TR Chem No. 59:2011-1 <sup>st</sup> Amend:2015 (IQS 945:2016-1 <sup>st</sup> Amend: 2020)	2.1	---	✓
2	Raw Materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2009		2.2	---	✓
3	Negative active ions	The content of the negatively charged ionic active substance is calculated as Sodium Lauryl Ether Sulfate 7.5%, minimum. (or 5%, minimum provided that the content of alcohol-soluble substances is not less than 10%) according to the examination in the guide (4/19).		2.3	---	✓
4	Characteristics	Refer to below Table 5.35.1		2.4	---	✓
5	Radiation contamination	As stated by the authorized entities.		1.2	---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
7	Packaging			4	---	✓
Note: This specification is applicable when No Specific Iraqi standard exists for this product.						

#### 5.35.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS
1	Lead (Pb)	Max 20 ppm
2	Arsenic (As)	Max 2 ppm
3	pH (at 27 °C ± 2)	4 – 7
4	Foaming 2% in distilled water	Min 150 mm
5	<b>Microbiology</b>	
	Total microorganism count cfu/g	Max. 500
	Total yeast and mould cfu/g	Shall be absent
	Pathogenic bacteria	Shall be absent

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### 5.36. DEODORANT BASED ON (FARNESOL)

SL No	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	Deodorant includes four types: <ul style="list-style-type: none"><li>Type-1: Aerosol spray- liquid</li><li>Type-2: Pump – closure spray - liquid</li><li>Type-3: Stick - solid</li><li>Type-4: Roll on– thick liquid</li></ul>	TR Chem No. 105: 2013 (IQS 2289: 2010 – 1 <sup>st</sup> Amend: 2012)	1	---	✓
2	Raw Materials	Shall be in compliance		4.1	---	✓
3	Appearance	Shall be homogeneous, free from foreign bodies and visible impurities and has an acceptable perfume		4.2	---	✓
4	Skin Reaction	Shall not block the skin pores and have no harmful effect during regular use		4.3	---	✓
5	Fabric Reaction	Shall not affect the fabric or the colour of the clothes after being washed using regular methods		4.4	---	✓
6	Triclosan Content	The amount of antibacterial (Triclosan) shall be in-between 0.3 – 0.3 %/Mass for all tested types, according to a specific standard		4.5	---	✓
7	Container discharge ability	For Type - 1: remaining in the container shall not exceed 2%/mass after complete use with regular spraying		4.6	IQS 1795: 1993	✓
8	Spray	For Type – 1 and Type - 2: the spray shall be in the form of very small/ tiny drops		4.7	---	✓
9	Methanol	Methanol test <ul style="list-style-type: none"><li>For all Types: Shall be completely free from Methanol</li></ul>		4.8	IQS 939: 2016	✓
10	Microbiology – For Type - 4 only			4.9	---	✓
11	Total count for microorganism (cfu/g)	Shall not exceed 100				
12	Yeast and mould (cfu/g)	Shall not exceed 10				
13	Pathogenic bacteria (cfu/g)	Shall be absent				
14	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
15	Packaging			6	---	✓

### 5.37. LATHER SHAVING CREAM

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Raw Materials	Shall be in compliance	IQS 931: 1988-1 <sup>st</sup> Amend:2005	2.1	---	✓
2	Description	<ul style="list-style-type: none"><li>Shall be soft and homogeneous,</li><li>Shall be free from air bubbles and coarse particles that might give irritation when used on the skin.</li><li>Shall pass the texture/consistency test and be easily used and spread on the skin at 10-42 °C</li></ul>		2.2	---	✓
3	Stability	<ul style="list-style-type: none"><li>No major change of colour shall happen,</li><li>No smell of rancidity shall appear.</li><li>Shall not affect or be affected by the packaging</li><li>Shall not separate when stored for 1 year under normal storing conditions</li><li>Shall preserve its basic characteristics</li></ul>		2.3		✓
4	Performance	Shall not cause irritation during or after the shaving process		1.3		✓
5	Characteristics	Refer to below Table 5.37.1		1.4		✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3		---
7	Packaging			4	---	✓

#### 5.37.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Total fatty matter (%/mass)	Min 40	Reference guideline no. 4/5
2	Humidity (%/mass)	Max 47	Iraqi Specification No. 19/12
3	Non-saponified fatty matter able to be saponified (%/mass)	Max 3	Reference guideline no. 4/9
4	Free base calculated as KOH (%/mass)	Shall be absent	Reference guideline no. 4/10
5	Fatty acid calculated as citric acid (%/mass)	4 – 6.5	Reference guideline no. 4/11
6	Substances not dissolved in ethanol (%/mass)	1	Reference guideline no. 4/6
7	Substances not dissolved in water	Max 0.5	Reference guideline no. 4/34

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SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
8	<b>Microbiology</b>		Thailand Specification 152: 1976
	Total microorganism count cfu/g	Max. 100	
	Total yeast and mould cfu/g	Max. 10	
	Pathogenic bacteria	Shall be Absent	

### 5.38. BRUSHLESS SHAVING CREAM

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>Shall be in the form of soft homogeneous cream</li><li>Shall be free from coarse particles</li><li>Shall have a pleasant scent</li></ul>	IQS 1956: 1995	2.1	Clause 5.2	✓
2	Raw materials	Shall be in compliance		2.2	---	✓
3	Characteristics	Compliant with Table 5.38.1		2.3	---	✓
4	Performance	<ul style="list-style-type: none"><li>Shall not cause irritation during or after shaving</li><li>Shall pass the performance test</li></ul>		2.4	---	✓
5	Texture	Shall be easily spread at 15 – 43 °C		2.5	---	✓
6	Stability	<ul style="list-style-type: none"><li>Shall not change colour,</li><li>Shall not be rancid,</li><li>Shall not destroy the package or be destroyed by the package or separate during storing at 0 – 37 °C for a period of 18 months</li></ul>		2.6	---	✓
7	<b>Microbiology</b>			2.7	---	✓
	Total count for non-pathogenic microorganism (cfu/g)	Max 100			---	✓
	Yeast and mould (cfu/g)	Max 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
8	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
9	Packaging			4	---	✓

### 5.38.1. CHARACTERISTICS

SL NO.	CHARACTERISTICS	LIMITS	TEST METHOD
1	Humidity and volatile matter (%/mass)	Max 75	Guide No. 4/22
2	Free Alkali base calculated as KOH (%/mass)	Shall be absent	ASTM D460:1985
3	Free acid calculated as citric acid (%/mass)	Min 15	

### 5.39. TOOTHBRUSHES

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	Toothbrushes are classified as follows: 1. Hardness. 2. Medium hardness. 3. Soft. 4. Very soft.	IQS 5016: 2016	3	---	✓
2	Manufacturing	<b>Handle and brush base:</b> <ul style="list-style-type: none"> <li>The handle and brush base shall be made of suitable plastic materials</li> <li>Shall be free of odour and opaque taste or be transparent</li> <li>Shall have a smooth surface</li> <li>Shall be free from sharp edges and corners</li> <li>The brush head - Shall contain several holes as much as the number of bundles of the filaments</li> <li>The handle - may contain a hole from the bottom for hanging</li> <li>The Raw Materials used in manufacturing shall be in compliance</li> </ul> <b>Filaments:</b> <ul style="list-style-type: none"> <li>The filaments shall be made of any suitable plastics except for the PVC.</li> <li>The filaments can be colourless or coloured</li> <li>The dye used shall be firm and consistent.</li> <li>The Raw Materials used in the filaments and the dye shall be in compliance</li> </ul>		4.1.1	---	✓
				4.1.2	---	✓
3	Texture	When the product claims to have more than one texture for bundling filaments in a single brush, it is necessary to mark this on the cover of toothbrushes.		4.2	---	✓
4	Pack retention ability	No separation of the beams occurs when shedding force not less than 15 Newton		4.3	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
5	Voltage resistance	The toothbrush completes 75,000 cycles without breakage where one cycle is the process of shedding force and raising it.	IQS 5016: 2016	4.4		✓
6	Resistance to chemical effect	The brush passes the anti-stress test		4.5	---	✓
7	Resistance to hot water	<ul style="list-style-type: none"><li>The filaments maintain their consistency, integrity and colour</li><li>There is no deformation of the brush after submerging it in hot water at (80 ± 2) ° C for one minute.</li></ul>		4.6	---	✓
8	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
9	Packaging			6	---	✓
<b>Note:</b> Toothbrushes for special purpose and electric brushes are exempted from this Specification.						



## 5.40. FOAM HAIR STYLING SPRAY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>A homogeneous solution, free from impurities or foreign matter.</li><li>It may be perfumed</li></ul>	TR Chem No. 7:2000-1 <sup>st</sup> Amend:2002	1.1	---	✓
2	General requirements	<ul style="list-style-type: none"><li>The spray shall be in the form of foam</li></ul>		1.2	---	✓
		<ul style="list-style-type: none"><li>Shall stabilize the hair properly,</li><li>Can be easily removed when rinsing with water,</li><li>Shall not be sticky while using</li></ul>		1.3		
		<ul style="list-style-type: none"><li>Shall be easy to comb,</li><li>Shall not cause dandruff on the hair after drying</li></ul>		1.4		
		<ul style="list-style-type: none"><li>Shall dry under natural weather conditions</li></ul>		1.5		
		<ul style="list-style-type: none"><li>Shall not add any colour to the hair</li></ul>		1.6	---	✓
		3		Raw Materials	Shall be in compliance	1.7
4	Radiation contamination	As stated by the authorized entities.		1.8	---	✓
5	<b>Microbiology</b>			1.9	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria	Shall be absent			---	✓
6	Methanol	Shall not contain methanol		1.10	IQS 939: 2016	✓
7	Container discharge	Contents remaining in the container shall not exceed 5%/mass after complete use with regular spraying		1.11	IQS 1795: 1993	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
8	Labelling	Refer to <i>IRQ-AIR-2.1</i>	TR Chem No. 7:2000-1 <sup>st</sup> Amend:2002	2	---	✓
9	Packaging			3	---	✓

**Note:** This specification is applicable when No Specific Iraqi standard exists for this product

### 5.41. FOAM DEPILATORY (HAIR REMOVER) SPRAY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>A homogeneous solution,</li><li>Shall be free from impurities or any visible foreign matter.</li><li>It may be perfumed</li></ul>	TR.Chem.No.9: 2000-1 <sup>st</sup> Amend: 2002	1.1	---	✓
2	General requirements	<ul style="list-style-type: none"><li>The spray shall be in the form of foam</li></ul>		1.2	---	✓
		<ul style="list-style-type: none"><li>Shall completely transform human’s hair into a soft mass that can be easily removed from the skin by wiping or rinsing within approximately 10 minutes</li></ul>		1.3	---	✓
		<ul style="list-style-type: none"><li>pH: 11.0 – 12.5</li></ul>		1.4	---	✓
		<ul style="list-style-type: none"><li>Container Discharge: Remaining in the container shall not exceed 5%/Mass after complete use with regular spraying</li></ul>		1.5	IQS 1795	✓
3	Raw Materials	Shall be in compliance		1.6	---	✓
4	Radiation contamination	As stated by the authorized entities.		1.7	---	✓
5	<b>Microbiology</b>			1.8		✓
	Total count for microorganism (cfu/g)	Shall not exceed 100			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria	Shall be absent			---	✓
6	Labelling	Refer to <b>IRQ-AIR-2.1</b>		2	---	✓
7	Packaging			3	---	✓

**Note:** This specification is applicable when No Specific Iraqi standard exists for this product



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## 5.42. CHILDREN LOTION

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be a homogeneous liquid emulsion, with a stable texture easy to flow, has an acceptable smell, it may be white or coloured	TR Chem No. 10: 2000	1.1	IQS 2079	✓
2	Thermal Stability	Shall pass the test		1.2		✓
3	Fatty Mass Content	Min 4%/mass		1.3		✓
4	Water Content	Min 96%/mass		1.4		✓
5	<b>Microbiology</b>			1.5	---	✓
	Total count for microorganism (cfu/g)	Shall not exceed 10			---	✓
	Yeast and mould (cfu/g)	Shall not exceed 10			---	✓
	Pathogenic bacteria	Shall be absent			---	✓
6	pH	Shall be 5.0 – 7.0		1.6	---	✓
7	Raw Materials	Shall be in compliance		1.7	---	✓
8	Radiation contamination	As stated by the authorized entities.		1.8	---	✓
9	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
10	Packaging			4	---	✓
<b>Note:</b> This specification is applicable when No Specific Iraqi standard exists for this product.						

## 5.43. HALAWA HAIR REMOVER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Shall be a homogeneous transparent/semi-transparent mass, free from impurities and foreign bodies, may have an acceptable odour	TR Chem No. 16: 2000	1.1	---	✓
2	Raw Materials	Shall be in compliance		1.3	---	✓
3	Radiation contamination	As stated by the authorized entities.		1.4	---	✓
4	Labelling	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
5	Packaging			3	---	✓
Note: This specification is applicable when No Specific Iraqi standard exists for this product.						

#### 5.44. HAIR SPRAY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Radiation contamination	As stated by the authorized entities	TR CHEM 51:2011	1.2	---	✓
2	Raw Materials	Shall be in compliance	TR CHEM 51:2011 (IQS 1795:1993)	3.1	---	✓
3	General Requirements	Shall be stable and do not change or transform		3.2	---	✓
4		Shall fix the hair in a proper way, do not leave dandruff and shall be easily removed when rinsing with water		3.3	---	✓
5		Shall make the hair shiny and shall not add any colour		3.4	---	✓
6		The spray shall be in the form of very small drops		3.5	---	✓
7		Shall not contain methanol		3.6	---	✓
8	Labelling	Refer to <b>IRQ-AIR-2.1</b>	TR CHEM 51:2011	2	---	✓
9	Packaging			3	---	✓

**Note:** This specification is applicable when No Specific Iraqi standard exists for this product.

#### 5.45. TEMPORARY BASED STRAIGHTER AND CONDITIONING SHAMPOO (Sofnfree)

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	Emulsion oil, homogeneous, free form foreign bodies and impurities	STR Chem No.4	1.1	---	✓
2	Raw Materials	Shall be in compliance		1.3	---	✓
3	pH	11.7 – 13.7		1.4	---	✓
4	Thermal stability at 37 °C	Shall pass the test		1.5	IQS 1194: 1988	✓
5	Fatty matter content	Min 40%		1.6	---	✓
6	Base as NaOH	1 – 3%		1.7	---	✓
7	<b>Microbiology</b>			1.8	---	✓
	Total count for non-pathogenic microorganism (cfu/g)	Max. 100			---	✓
	Yeast and mould (cfu/g)	Max. 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
8	Radiation contamination	As stated by the authorized entities.		1.9	---	✓
9	Labelling	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
10	Packaging			3	---	✓

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**5.46. SHAVING GEL SPRAY**

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT	
1	General requirements	<ul style="list-style-type: none"><li>When spraying, it shall give a homogenous clear and transparent gel,</li><li>May be coloured or perfumed</li></ul> Shall pass the performance test as below: <ul style="list-style-type: none"><li>Four men at least shall be able to shave using shaving machines, sharp new blades, water and brushes</li><li>The foam shall spread softly on the skin and keep it hydrated during the shaving process</li><li>The product shall insure an easy shaving and shall not cause any skin irritation during or after the shaving process</li></ul>	TR Chem No. 49:2011	1.1	---	✓	
				1.2			
2	Raw materials	Shall be in compliance			1.3	---	✓
3	Radiation contamination	As stated by the authorized entities.			1.4	---	✓
4	<b>Microbiology</b>				1.5	---	✓
	Total count for non-pathogenic microorganism (cfu/g)	Max. 100				---	✓
	Yeast and mould (cfu/g)	Max. 10				---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent				---	✓
5	Labelling	Refer to <b>IRQ-AIR-2.1</b>			2	---	✓
6	Packaging				3	---	✓
<b>Note:</b> This specification is applicable when No Specific Iraqi standard exists for this product.							



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## 5.47. SHAVING GEL

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	General requirements	<ul style="list-style-type: none"><li>Shall be a homogenous clear and transparent gel</li><li>May be coloured or perfumed</li></ul>	TR Chem No. 92: 2013	1.1	---	✓
		Shall pass the performance test as below: <ul style="list-style-type: none"><li>Four men at least shall be able to shave using shaving machines, sharp new blades, water and brushes</li><li>The foam shall spread softly on the skin and keep it hydrated during the shaving process</li><li>the product shall insure an easy shaving and shall not cause any skin irritation during or after shave</li></ul>		1.2		
2	Raw materials	Shall be in compliance		1.3	---	✓
3	Radiation contamination	As stated by the authorized entities.		1.4		✓
4	<b>Microbiology</b>			1.5	---	✓
	Total count for non-pathogenic microorganism (cfu/g)	Max. 100			---	✓
	Yeast and mould (cfu/g)	Max. 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
5	Labelling	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
6	Packaging			3	---	✓
<b>Note:</b> This specification is applicable when No Specific Iraqi standard exists for this product.						



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## 5.48. SHAVING FOAM SPRAY

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	General requirements	<ul style="list-style-type: none"><li>When spraying, it shall give a homogenous clear and transparent gel,</li><li>May be coloured or perfumed</li></ul>	TR Chem No. 8:2000-1 <sup>st</sup> Amend:2002	1.1	---	✓
		<ul style="list-style-type: none"><li>When spraying, the product gives a firm, thick, greasy foam</li></ul>		1.2		
		Shall pass the performance test as below: <ul style="list-style-type: none"><li>Four men at least shall be able to shave using shaving machines, sharp new blades, water and brushes</li><li>The foam shall spread softly on the skin and keep it hydrated during the shaving process</li><li>The product shall insure an easy shaving and shall not cause any skin irritation during or after the shaving process</li></ul>		1.3		
2	Raw materials	Shall be in compliance		1.4	---	✓
3	Radiation contamination	As stated by the authorized entities.		1.5	---	✓
4	<b>Microbiology</b>			1.6	---	✓
	Total count for non-pathogenic microorganism (cfu/g)	Max. 100			---	✓
	Yeast and mould (cfu/g)	Max. 10			---	✓
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓
5	Potassium hydroxide (KOH)	Shall be absent		1.7	---	✓
6	Container discharge	Contents remaining in the container shall not exceed 5%/Mass after complete use with regular spraying		1.8	IQS 1795: 1993	✓
7	Labelling	Refer to <b>IRQ-AIR-2.1</b>	2	---	✓	
8	Packaging		3	---	✓	
Note: This specification is applicable when No Specific Iraqi standard exists for this product.						

**Note:** This specification is applicable when No Specific Iraqi standard exists for this product.



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### 5.49. BODY WASH FOR SENSITIVE AREAS (BALANCED INTIMATE WASH)

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT	
1	Description	<ul style="list-style-type: none"><li>Shall be Homogenous emulsion, semi-transparent and perfumed</li><li>Shall be free from precipitates and particles.</li></ul>	TR Chem No. 116: 2020	1.1	---	✓	
2	Raw Materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223:2009		1.2	---	✓	
3	Anionic Active matter content	Min. (4 - 5.5) % by mass		1.3	---	✓	
4	pH	4.5 ± 0.5		1.4	---	✓	
5	<b>Microbiology</b>			1.5			✓
	Total count for non-pathogenic microorganism (cfu/g)	Max. 100			---	✓	
	Yeast and mould (cfu/g)	Shall be absent			---	✓	
	Pathogenic bacteria (cfu/g)	Shall be absent			---	✓	
6	Radiation contamination	As stated by the authorized entities.		1.6	---	✓	
7	Labelling	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓	
8	Packaging		3	---	✓		

### 5.50. DEODORANT CONTAINING LIMONENE AND LINALOOL

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"> <li>Shall be a homogeneous mixture</li> <li>Shall be free from visual impurities and foreign matter, with acceptable odour/ perfume.</li> </ul>	TR Chem No. 125-1 <sup>st</sup> Amend:2017	1.1	---	✓
2	Spray Requirements	The material sprayed should be in the form of fine droplets		1.2	---	✓
3	Raw Materials	All raw materials are allowed to be used hygienically in accordance with European directives No. 1223		1.3	---	✓
4	Washability	The product shall not affect the texture or the colour of clothes after washing by the ordinary way.		1.4	---	✓
5	Limonene and Linalool's content (both or one of them) in the concentrated product (without propellant gas)	Min. 200 ppm		1.5	---	✓
6	Container discharge	Contents remaining in the container shall not exceed 2%/mass after complete use with regular spraying		1.6	IQS 1795: 1993	✓
7	Radiation contamination	As stated by the authorized entities.		1.7	---	✓
8	Methanol content	Shall be absent		1.8	IQS 945:2016	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
9	Labelling	Refer to <i>IRQ-AIR-2.1</i>	TR Chem No. 125-1 <sup>st</sup> Amend:2017	2	---	✓
10	Packaging			3	---	✓



## 5.51. NAIL POLISH REMOVER

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"><li>● Shall be homogenous</li><li>● Shall be free from impurities and foreign matter.</li><li>● It may have an acceptable perfume</li></ul>	TR Chem No. 4: 2000	1.1	---	✓
2	Raw Materials	Shall be in compliance		1.3	---	✓
3	Radiation contamination	As stated by the authorized entities.		1.4	---	✓
4	Benzene Content	Shall be free		1.5	---	✓
5	Chlorinated hydrocarbons			1.6	---	✓
6	Methanol content	Max. 0.05% (by volume)		1.7	---	✓
7	Labelling	Refer to <i>IRQ-AIR-2.1</i>		2	---	✓
8	Packaging			3	---	✓



## 5.52. MOUTH WASH

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Classification	Type 1: ready-for-use solution Type 2: concentrated solutions for use after dilution in water Type 3: Solutions for use after mixing	IQS 5167:2022	4	---	✓
2	pH <sup>1</sup>	3.0 – 10.5		5.1	Clause 7.2	✓
3	Total Fluoride concentration	Shall not exceed a mass fraction of 0.15% for single container of Type 1 mouthwash		5.2	Annex A	✓
4	Maximum amount of Fluoride	Shall not exceed 125 mg per single container		5.2	Annex A	✓
5	Unintended heavy metals concentration	Refer to below Table 5.52.1		5.3	IS 16913	✓
6	1,4-dioxane content	Max. 10 ppm		5.3	---	✓
7	Compatibility with oral tissues	Shall not cause irritation or damage to the oral hard and/or soft tissue		5.4	---	✓
8	Microbial contamination	Shall not exceed 100 colony-forming units (CFU) per gram Shall be free of molds and yeasts Shall be free of pathogenic bacteria		5.5	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
9	Stability against ageing	Shall show no signs of deterioration, such as agglomeration or change in clarity	IQS 5167:2022	5.6	Clause 7.3	✓
10	Container and/or dispensing system	Shall neither contaminate nor permit contamination of the mouthwash inside		5.7	---	✓
11	Readily fermentable carbohydrates	Mouthwash shall not contain readily fermentable carbohydrates		5.8	---	✓
12	Marking	Refer to <b>IRQ-AIR-2.1</b>		9	---	✓
13	Packaging			10	---	✓
Note: <sup>1</sup> If pH value of mouthwash is below 5.5, it shall pass a screening test as specified in ISO 28888						

### 5.52.1. MAXIMUM LIMIT OF HEAVY METALS

SL NO.	HEAVY METALS	LIMITS (MAX.)
1	Lead	10 ppm (excluding eye, oral, lip cosmetic products, which shall be 5 ppm Max.)
2	Arsenic	2 ppm
3	Cadmium	3 ppm
4	Mercury	3 ppm
5	Antimony	5 ppm

### 5.53. TOILET SOAP FOR CHILDREN

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Characteristics	Shall be in the form of coherent, homogenous pieces, soft touch and free of grit, with an acceptable smell that does not change when stored for a period of 6 months at normal temperatures inside its original packaging	IQS 5121:2020	3.1	---	✓
		The colour shall not change much when stored under the same condition				
2	Synthetic detergent and phenolic substances content	Shall not be present		3.2	---	✓
3	Raw materials	Shall be permitted for use in food products		3.3	---	✓
4	Physical and chemical requirements	Refer below <b>Table 5.53.1</b>		3.4	---	✓
5	Marking	Refer to <b>IRQ-AIR-2.1</b>		4	---	✓
6	Packaging			5	---	✓



### 5.53.1. PHYSICAL AND CHEMICAL REQUIREMENTS

SL NO.	PROPERTIES	REQUIREMENTS	TEST METHOD
1	Total fats, % m/m, Min.	78	Indicative Guide 4.5
2	Moisture content and volatile matter (at 105 °C), %m/m, Max.	15	Indicative Guide 1378
3	Free caustic alkali calculated as NaOH, %m/m, Max.	0.03	Indicative Guide 4.10
4	Content of insoluble substances in alcohol, Max.	2.0	Indicative Guide 4.6
5	Content of insoluble substances in water, Max.	1.0	Indicative Guide 4.34
6	Chloride content, calculated as NaCl, %, Max.	1.0	Indicative Guide 4.4

### 5.54. BABY SHAMPOO

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Types	<ul style="list-style-type: none"> <li>Hair shampoo</li> <li>Body shampoo</li> <li>Hair and body shampoo</li> </ul>	IQS 5179:2022-1 <sup>st</sup> Amend: 2023	3	---	✓
2	Appearance	Shall be in the form of liquid or homogenous emulsion free of sediments and does not contain signs of separation. May be coloured and perfumed with pleasant smell.		4.1	---	✓
3	Raw materials	Shall be permitted to be used hygienically according to EC 1223:2009		4.2	EC 1223	✓
4	Safety	Use of the product shall not cause damage, irritation or redness in the skin		4.3	IS 4011	✓
5	Formaldehyde and alkyl aryl compound content	Shall be free of formaldehyde or its derivatives, branched alkyl aryl compounds and alkyl aryl sulfonate compounds		4.4	---	✓
6	Non-volatile substance soluble in alcohol	Shall not be less than 8%		4.6	IS 17117	✓
7	Heavy metals content	Refer to below Table 5.54.1		4.7	---	✓
8	Dioxane content (1.4-Dioxane)	Shall not exceed 10 ppm		4.8	---	✓
9	pH at 25 ± 2 °C	5 – 7.5		4.9	---	✓
10	Height of foam of 2% of the shampoo in distilled water	Shall not be less than 100 mm		4.10	---	✓
11	Inorganic salts (NaCl)	Shall not exceed 2%		4.11	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
12	Microbial limits	<ul style="list-style-type: none"><li>● Total count of aerobic bacteria shall not exceed 1x10<sup>2</sup> cfu/g or ml</li><li>● Shall be free of fungi (moulds and yeasts)</li><li>● Shall be free from pathogenic bacteria</li></ul>	IQS 5179:2022-1 <sup>st</sup> Amend: 2023	4.12	ISO 21149, ISO 16212, ISO 18416, ISO 22717, ISO 22718	✓
13	Labelling	Refer to <b>IRQ-AIR-2.1</b>		5	---	✓
14	Packing			6	---	✓

#### 5.54.1. HEAVY METALS CONTENT

SL NO.	HEAVY METALS	LIMIT, ppm (MAX.)	TEST METHOD
1	Lead	5	IS 17117
2	Arsenic	2	
3	Cadmium	3	
4	Mercury	1	
5	Antimony	5	

#### 5.55. FOR ALL COSMETIC PRODUCTS NOT COVERED ABOVE (EXCLUDING KIDS COSMETICS PRODUCTS)

SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
1	Description	<ul style="list-style-type: none"> <li>Shall be a homogeneous mixture</li> <li>Shall be free from visual impurities, lumps and foreign matter</li> <li>Stable in its consistency and properties.</li> <li>Effectiveness does not change during its shelf life when stored and when used in accordance with the instructions for the method of use</li> </ul>	TR Chem No. 132-1 <sup>st</sup> Update: 2022	4.1	---	✓
2	Raw Materials	All raw materials are permitted for hygienic use in accordance with EC 1223 /2009		4.2	---	✓
3	Allergic Reaction	The product doesn't cause irritation or any allergy on the skin when used.		4.3	---	✓

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SL No.	TEST PARAMETERS	STANDARD REQUIREMENTS	STANDARD REFERENCE	STANDARD CLAUSE NO.	TEST METHOD	CT
4	pH	<ul style="list-style-type: none"><li>The pH shall be (4 to 8), with the exception of hair-dyeing products and the products referred to (according to Annex 3 of GSO 1943/2021), whose pH shall be determined according to the ingredients included in the composition of the product.</li><li>For the products that are not mentioned in the appendix, a certified report issued by the relevant authority in the country of production shall be provided, proving the safety of the product for use and that (the pH value of the product achieves the desired cosmetic effect.</li></ul>	TR Chem No. 132-1 <sup>st</sup> Update: 2022	4.4	---	✓
5	Heavy Metals, Max	<ul style="list-style-type: none"><li>Pb* = 10 ppm*</li><li>As = 2 ppm</li><li>Cd = 3 ppm</li><li>Hg = 1 ppm</li><li>Sb = 5 ppm</li></ul>		4.5	IS 16913: 2018	✓
6	1, 4 Dioxane content	10 ppm		4.6	---	✓
7	Microbiology	Refer to below Table 5.55.1		4.7	ISO 16212 ISO 18416 ISO 22717 ISO 22718	✓
8	Labelling	Refer to <b>IRQ-AIR-2.1</b>		3	---	✓
9	Packaging			4	---	✓
* Lead (Pb) shall be 10 ppm (Max), except for eye, oral, and lip products, which shall be 5 ppm (max).						
<b>Note:</b> This specification is applicable when No Specific Iraqi standard exists for this product						

### 5.55.1. MICROBIOLOGY

SL NO.	CHARACTERISTICS	LIMITS
1	<b>Ophthalmic, oral cavity, lip and mucous membranes products</b>	
	Total count for microorganism (cfu/g)	Max. $1 \times 10^2$
	Yeast and mould (cfu/g or ml)	Shall be absent
	Pathogenic bacteria	Shall be absent
2	<b>Other Products like powder, cream, emulsion, foam and liquid products</b>	
	Total count for microorganism (cfu/g)	Max. $1 \times 10^2$
	Yeast and mould (cfu/g or ml)	Max. $1 \times 10^2$
	Pathogenic bacteria	Shall be absent
<b>Note:</b> The microbial limits of wax and oil products are not required to be tested, as well as materials containing strong oxidants or alcohol content of more than 20%.		

## 6.0. REFERENCE DOCUMENTS

SL No.	DOCUMENT REFERENCE	DOCUMENT TITLE
1	GTS-PM-CAP-OP-013	Procedure for Registration and Licence
2	GTS-PM-CAP-OP-014	Procedure for Evaluation of Test Documents

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