



M.L.A. Industries Pvt. Ltd. (Pharma Division)

Regd. Office : 111/230, HARSH NAGAR, KANPUR, Tel. : (0512)-2555292
 Factory Address : D-7B, D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh 208022
 Website: www.mlagroup.com, E-mail: sales@mlagroup.com

(Drug License No. UP78250000012)

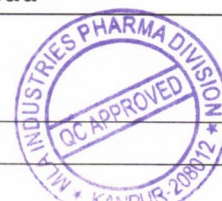
(Food Safety & Drug Administration - Govt. of Uttar Pradesh)

CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE : Sample
PRODUCT : SODIUM STEARATE	GRADE : BP
BATCH NO. : SS-16F022023	DATE : 28/02/2023
Date of MFG : 16/02/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Appearance	-	White Or yellowish , fine Powder ,Greasy To the touch	Complies with BP
Solubility	-	Practically insoluble in water and in anhydrous ethanol .	Complies with BP
Identification	-	Test A - Freezing Point-NLT 53°C Test B- acid value is 195-210, Test C -Passes Test D- Sol . S Gives Reaction Of Sodium	A - 58°C B - Acid Value - 204 C - Passes D - Passes
Acidity or Alkalinity	-	NLT 0.60 ml And NMT 0.85 ml of 0.1 M Na(OH) ₂ is req. to change the colour of the indicator .	Complies with BP
Chlorides	% Max	0.2	<0.2
Sulphates	% Max	0.3	<0.3
Nickel	ppm max	5	1.62
Loss on Drying	%	NMT 5.0 %	3.14
Microbial Contamination (A) TAMC	CFU/g	NMT 10 ³	120
Microbial Contamination (B) TYMC	CFU/g	NMT 10 ²	<10.0
Microbial Contamination (C) Escherichia Coli	-	Absent	Absent
Microbial Contamination (D) Salmonellae	-	Absent	Absent
Assay	%	7.4 - 8.5	7.98
Stearic Acid	-	NLT 40.0%	Complies with BP
Sum of Stearic acid and Palmitic acid	-	NLT 90.0%	Complies with BP

Tested by Chemist	Checked by QA	Approved by Lab Head
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari





M.L.A. Industries Pvt. Ltd. (Pharma Division)

Regd. Office : 111/230, HARSH NAGAR, KANPUR, Tel. : (0512)-2555292
Factory Address : D-7B, D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh 208022

Website: www.mlagroup.com, E-mail: sales@mlagroup.com

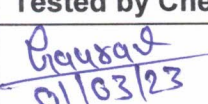
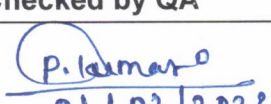
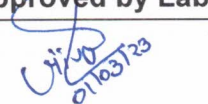
(Drug License No. UP78250000012)

(Food Safety & Drug Administration - Govt. of Uttar Pradesh)

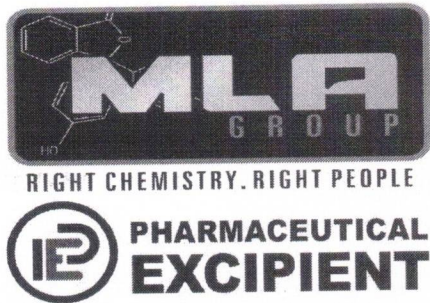
CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE : Sample
PRODUCT : SODIUM STERATE	GRADE : EP
BATCH NO. : SS-23A012023	DATE : 01/03/2023
Date of MFG. : 23/01/2023	Date of EXP: 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Description	-	Appearance: white or yellowish, fine powder, greasy to the touch.	Complies to EP
Solubility	-	slightly soluble in water and in ethanol 96 %.	Complies to EP
Identification	-	A. Freezing point : minimum 53 °C B. Acid value : 195 to 210, C. Examine the chromatograms obtained in the assay of stearic acid and palmitic acid. D. Solution S gives reaction (b) of sodium	A - 57°C B - 203 C - Passes D - Passes
Acidity or alkalinity.		Not less than 0.60 ml and not more than 0.85 mL of 0.1 M sodium hydroxide is required to change the colour of the indicator.	Passes
Chloride	%	NMT 0.2	<0.2
Sulfates	%	NMT 0.3	<0.3
Nickel	ppm	NMT 5.0	0.78
Loss on drying	%	NMT 5.0	2.76
Microbial contamination	CFU/g	TAMC: acceptance criterion 10 ³ CFU/g TYMC: acceptance criterion 10 ² CFU/g Absence of Escherichia coli Absence of Salmonella	Passes
Assay	%	7.4 – 8.5	7.98
Stearic Acid and Palmitic acid 1. Stearic Acid 2. Sum of Palmitic acid +St.Acid	%	For 1. NLT 40 For 2. NLT 90	Complies to EP

Tested by Chemist	Checked by QA	Approved by Lab Head
 01/03/23	 01/03/2023	 01/03/23
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujval Tiwari





M.L.A. Industries Pvt. Ltd. (Pharma Division)

Regd. Office : 111/230,HARSH NAGAR, KANPUR,Tel. : (0512)-2555292
Factory Address : D-7B , D-8 & D-16, Panki Industrial Area, Site-1, Kanpur, Uttar Pradesh 208022
Website:www.mlagroup.com, E-mail:sales@mlagroup.com

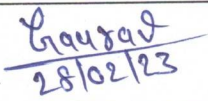
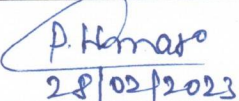
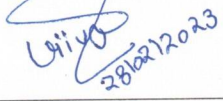
(Drug License No. UP78250000012)

(Food Safety & Drug Administration – Govt. of Uttar Pradesh)

CERTIFICATE OF ANALYSIS

CUSTOMER : M/s	INVOICE :
PRODUCT : SODIUM STEARATE	GRADE : USP
BATCH NO. : SS-22A012023	DATE : 28/02/2023
Date of MFG: 22/01/2023	Date of EXP : 5 years from MFG

PROPERTY	UNIT	SPECIFICATIONS	TEST VALUE
Colour & Appearance	-	White Free Flowing Powder	White Free Flowing Powder
Identification	-	Test A –Passes Test B- the solidification temperature of the fatty acids is not less than 54.	A - Complies with USP B - 57
Assay	%	Stearic Acid : NLT – 40.0 % Sum Of Stearic acid and palmitic acid : NLT - 90.0 %	Complies with USP
Acid value of fatty acids	-	between 196 and 211	204
Acidity	-	(between 0.28% and 1.2% as stearic acid).	Passes the test
Loss on Drying	%	NMT 5.0 %	3.0
Fats And Fixed Oil (Acid Value)	-	196 -210	204
Fats And Fixed Oil (Iodine Value)	-	NMT 4.0	0.89
Alcohol – insoluble substances	-	Test should passes	Passes the test

Tested by Chemist	Checked by QA	Approved by Lab Head
 28/02/23	 28/02/2023	 28/02/2023
Mr. Gaurav Sen	Mr. Prince Srivastava	Mr. Ujjval Tiwari

