

## ANNEXURE-2

### Food : Analytical Sheet-II

<b>Sampling Name</b> :BASMATI RICE		<b>Sample Code</b> :F-1709280007
<b>Batch No.</b> :BN123	<b>Batch Size</b> :N/A	<b>Sealed/Unsealed</b> :Sealed
<b>Sample Qty.</b> :N/A	<b>Mfg. Date</b> :N/A	<b>Sign/Unsign</b> :Signed
<b>Brand</b> :N/A	<b>Exp. Date</b> :N/A	<b>Party Code if any</b> :N/A
<b>Packing Mode</b> :Packing Mode		<b>Remarks</b> :Urgent Order 1
<b>Sample Particulars</b>		
<b>Testing As Per</b> :FSSAI		

Booking Person

Prepared By

Checked By

Format No. : SOP/ITC/QA/004/R03/F02

**ANNEXURE-2**  
**Food : Analytical Sheet-II**

S.No.	Parameter	Instruments	Method	Result
1.	<b>Description</b>			
	Description	LONG GRAIN 1221 SELLA BASMATI RICE		
2.	<b>Chemical Parameters</b>			
	aroma	Chemically	IS: 7301	
	Average weight (mg)	Cmbinstrument	IS: 7301	
	Extraneous Matter(% by mass)	Chemically	IS: 7301	
	Moisture (% by mass)	Chemically	IS: 7301	
	SEED LENGTH	Chemically	IS: 7301	
	head broken	Chemically	IS: 7301	
	LONG GRAIN (% BY MASS)	Chemically	IS: 7301	
	Paddy (grain/kg)	Chemically	IS: 7301	
	Damaged Kernet (%by mass)	Chemically	IS: 7301	
	Brown rice (%by mass)	Chemically	IS: 7301	
	white rice (%by mass)	Chemically	IS: 7301	
	chalky kernel	Chemically	IS: 7301	
	tip headted grain	Chemically	IS: 7301	
	tiny rice (% by m ass)	Chemically	IS: 7301	
	semi glatinized grain	Chemically	IS: 7301	
	Red Kernel	Chemically	IS: 7301	
	whole grain (% by mass)	Chemically	IS: 7301	
	whole grain	Chemically	IS: 7301	
	small grain	Chemically	IS: 7301	
	length/width ratio	Chemically	IS: 7301	
	Flavour	Chemically	[AOAC 2001.11(Kjeldahl Method)]	
	Acid Value(mgKOH/gm)	Chemically	[AOAC 2001.11(Kjeldahl Method)]	
	Acideity/Alkalinity	Chemically	[AOAC method 969.23/flame photometer]	
	a) Total Solids (% by mass)	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Vacuum	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Consistency mm per 10	Chemically	Annex B IS 14433:2007	
	Alcoholic Acidity(with 90 % alcohol)(as H2SO4),(% by mass)	Chemically	[AOAC 2001.11(Kjeldahl Method)]	

Booking Person

Prepared By

Checked By

Format No. : SOP/ITC/QA/004/R03/F02

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**



(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**





(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**





(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**





(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**



(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

(Formaly International Testing Centre)  
(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 ( Haryana )

Phone : (O) 0172-2561543, 2565825

Visit us : [www.itclabs.com](http://www.itclabs.com) Email : [customersupport@itclabs.com](mailto:customersupport@itclabs.com)

**ANNEXURE-2**

**Food : Analytical Sheet-II**

## ANNEXURE-2 Food : Analytical Sheet-II

	HPTLC fingerprinting [Mix std, chloroform: methanol (90:10)] (Scanning at 254 and 366 nm)	Cmbinstrument	A-29	
	class II Preservatives INS-2241 ppm	Cmbinstrument	A-29	
	Mercury (as Hg) (ppm)	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	b) Weight/Volume (gms/l)	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Probiotics (Blend of Lactobacillus Rhamnosus Bifido Bacterium Longum Saccharomyces Boulardii)	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Light Absorption	Chemically	[IS:7874 Pt-II-1975]	
3.	<b>Heavy Metals</b>			
	Lead(as Pb)(ppm)	AAS	FCO-1985	
	Arsenic(as As)(ppm)	AAS	[STP/IT/FD/11-30]	
	Cadmium(as Cd)(ppm)	AAS	STP/IT/FD.11-30	
	Mercury(as Hg)(ppm)(H <sub>2</sub> SO <sub>4</sub> )	AAS	FCO-1985	
	Tin(as Sn)(ppm)	AAS	[STP/IT/FD/11-30]	
4.	<b>NA</b>			
	Aflatoxin (B2, B2, G1, G2) (mcg/kg)	Cmbinstrument	A-29	
5.	<b>Microbiological Tests</b>			
	Anaerobic(Sulfite reducing Clostridia),cfu/gm	Microbiological	[14988(P-1)-2002]	
	Coliform count cfu/gm	Microbiological	[14988(P-1)-2002]	
	candida albicans/gm	Microbiological	[14988(P-1)-2002]	
	Aerobic(Bacillus Cereus),cfu/gm	Microbiological	[IS: 5402-2012]	
	E.coli/gm	Microbiological	[IS: 5402-2012]	
	Aerobic thermophilic spore 80*c/10 min.	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
6.	<b>Pesticides</b>			
	Acid + anhydride corresponding to deltamethrin (% by mass), Max	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Amitraz content	Cmbinstrument	A-29	
	Azadirachtin content (% by mass), Min	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
7.	<b>Identification Test</b>			
	Ratio A472/A504	Cmbinstrument	IS: 7301	
8.	<b>Natural Extracts</b>			
	Green tea extract (mg) (Mobile Phase: Toluene:acetone:formic acid) (9:9:2)	Cmbinstrument	A-29	
9.	<b>Pesticide Residue (ppm)</b>			
	Oxadiargyl	Cmbinstrument	IS: 7301	
	Carbaryl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Edifenphos	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Primiphos-methyl	Cmbinstrument	IS: 7301	
	Iprodione	Cmbinstrument	IS: 7301	
	Benomyl	Cmbinstrument	A-29	
	Fenthion	Cmbinstrument	A-29	
	Dithiocarbamates	Cmbinstrument	IS: 7301	
	Trichlorfan	Cmbinstrument	A-29	
	Fipronil	Cmbinstrument	A-29	
	Propanil	Cmbinstrument	A-29	
	2,4-D	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Bentazone	Cmbinstrument	IS: 7301	

Booking Person

Prepared By

Checked By

Format No. : SOP/ITC/QA/004/R03/F02  
2,4-D

**ANNEXURE-2**  
**Food : Analytical Sheet-II**

	Fludioxonil	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2,4,5-trichlorobiphenyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2,2,3,3,4,4,5,5-Octachlorobiphenyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2,2,3,3,4,4,5,5,6-Nonachlorobiphenyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2,2,3,3,6,6-Hexachlorobiphenyl	Cmbinstrument	A-29	
	2,6-Dichlorobenzamide	Cmbinstrument	A-29	
	BTS 27271	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	8-Hydroxy Quinoline	Cmbinstrument	IS: 7301	
	2,4,5-T	Cmbinstrument	IS: 7301	
	2,2,3,4,5,5,6-Heptachlorobiphenyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Prothioconazole:Prothioconazole-dethio	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Amilazine	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Amitraz	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Azamethiphos	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Fenazaquin	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Bifenazate	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Acibenzolar-s-methyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2,2,3,3,4,4,5,5,6,6-Decachlorobiphenyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2-(1-naphtyl) acetamide	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	2-Phenylphenol (ortho-)	Cmbinstrument	A-29	
	6-benzyladenine	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	4-Chloro-o-tolyloxyacetic acid	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Benthiavalicarb	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Esfenvalerate	Cmbinstrument	A-29	
	Fluroxypyr-Methylheptyl	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Ditalimfos	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	Chlormequat Chloride	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
	1-Naphthylacetic acid	Cmbinstrument	[IS: 5887 (Pt2)-1970]	
10.	<b>Particle size</b>			
	Passing through 850 Mic	Cmbinstrument	[IS: 5887 (Pt2)-1970]	