

JALGAON JILHA SAHAKARI DUDH UTPADAK SANGH MARYADIT,
JALGAON
304/2, 305, 306, 307/2, 308, 322-324, SHIVAJI NAGAR ROAD, OPP SURAT
RAILWAY GATE, JALGAON, MAHARASHTRA-425001
FSSAI LICENSE No-10012022000127

CERTIFICATE OF ANALYSIS

Name of Product	Whole Milk Powder	Date	19/04/2024
Brand Name	VIKAS	Drying Type	Spray Dried

Parameter	Specification as Per IS 1165:2022	Reference Method	Results	Results	Results	Results
Batch Number			008	009	018	019
Mfg Date			Jan.24	Jan.24	Jan.24	Jan.24
Expiry Date			Jun.24	Jun.24	Jun.24	Jun.24
Physical and Chemical Characteristics						
Appearance	Smooth and free flow	Visual Inspection	Smooth and free flow	Smooth and free flow	Smooth and free flow	Smooth and free flow
Taste and Flavor	Clean and Pleasant	Sensory Evaluation	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant
Moisture Percent by Mass(Max)	4	IS:11623	3.3	3.0	3.2	3.1
Total Solids Percent by mass (Min.)	96	SOP	96.7	97.0	96.8	96.9
Milk Protein in milk SNF Percent by Mass (Min.)	34	IS:7219	37.2	37.4	37.5	37.2
Milk Fat Percent by Mass	26-42	IS:11721	27.2	27.5	27.4	27.6
Insolubility Index ml (Max)	2	IS:12759	05	0.4	0.4	0.5
Total Ash on Dry Basis Percent by Mass (Max)	7.3	IS:14433	6.1	5.8	5.9	6.0
Titrateable Acidity, ml of 0.1N NaOH/10g SNF (Max)	18	IS:11766	12.6	12.5	13.0	12.5
Scorched Particles, mg Max	15 (Equivalent to Disc B)	IS:13500	Disc B	Disc B	Disc B	Disc B
Adulteration	Negative	FSSAI Norms	Negative	Negative	Negative	Negative
Microbiological Characteristics						
Total Plate Count, CFU/g, Max	30,000	IS:5402	16000	18000	15000	14000
Coliform Count, CFU/g, Max	10	IS:5401 Part-1	<10	<10	<10	<10

QC Officer/Microbiologist

Sati

[Signature]
Manager (QA)

Manager
Quality Control
Jalgaon Jilha Sahakari Duddh
Utpadak Sangh Maryadit



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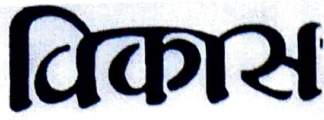
CERTIFICATE OF ANALYSIS

Name of Product	Whole Milk Powder	Date	19/04/2024
Brand Name	VIKAS	Drying Type	Spray Dried

Parameter	Specification as Per IS 1165:2022	Reference Method	Results	Results	Results	Results
Batch Number			020	021	022	023
Mfg Date			Jan.24	Jan.24	Jan.24	Jan.24
Expiry Date			Jun.24	Jun.24	Jun.24	Jun.24
Physical and Chemical Characteristics						
Appearance	Smooth and free flow	Visual Inspection	Smooth and free flow	Smooth and free flow	Smooth and free flow	Smooth and free flow
Taste and Flavor	Clean and Pleasant	Sensory Evaluation	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant
Moisture Percent by Mass(Max)	4	IS:11623	3.2	3.0	3.2	3.3
Total Solids Percent by mass (Min.)	96	SOP	96.8	97.0	96.8	96.7
Milk Protein in milk SNF Percent by Mass (Min.)	34	IS:7219	37.4	37.4	37.5	37.4
Milk Fat Percent by Mass	26-42	IS:11721	27.3	27.5	27.4	27.2
Insolubility Index ml (Max)	2	IS:12759	05	0.4	0.4	0.5
Total Ash on Dry Basis Percent by Mass (Max)	7.3	IS:14433	6.0	5.8	5.9	6.0
Titrateable Acidity, ml of 0.1N NaOH/10g SNF (Max)	18	IS:11766	13.2	12.5	13.0	12.4
Scorched Particles, mg Max	15 (Equivalent to Disc B)	IS:13500	Disc B	Disc B	Disc B	Disc B
Adulteration	Negative	FSSAI Norms	Negative	Negative	Negative	Negative
Microbiological Characteristics						
Total Plate Count, CFU/g, Max	30,000	IS:5402	17000	18000	19000	16000
Coliform Count, CFU/g, Max	10	IS:5401 Part-1	<10	<10	<10	<10


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CERTIFICATE OF ANALYSIS

Name of Product	Whole Milk Powder	Date	19/04/2024
Brand Name	VIKAS	Drying Type	Spray Dried

Parameter	Specification as Per IS 1165:2022	Reference Method	Results	Results	Results	Results
Batch Number			024	025	026	027
Mfg Date			Jan.24	Jan.24	Jan.24	Jan.24
Expiry Date			Jun.24	Jun.24	Jun.24	Jun.24
Physical and Chemical Characteristics						
Appearance	Smooth and free flow	Visual Inspection	Smooth and free flow	Smooth and free flow	Smooth and free flow	Smooth and free flow
Taste and Flavor	Clean and Pleasant	Sensory Evaluation	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant
Moisture Percent by Mass (Max)	4	IS:11623	3.3	3.0	3.2	3.1
Total Solids Percent by mass (Min.)	96	SOP	96.7	97..0	96.8	96.9
Milk Protein in milk SNF Percent by Mass (Min.)	34	IS:7219	37.0	37.1	37.2	37.0
Milk Fat Percent by Mass	26-42	IS:11721	27.0	27.1	27.2	27.0
Insolubility Index ml (Max)	2	IS:12759	05	0.4	0.4	0.5
Total Ash on Dry Basis Percent by Mass (Max)	7.3	IS:14433	6.0	5.9	5.9	6.1
Titratable Acidity, ml of 0.1N NaOH/10g SNF (Max)	18	IS:11766	12.7	12.6	13.0	12.4
Scorched Particles, mg Max	15 (Equivalent to Disc B)	IS:13500	Disc B	Disc B	Disc B	Disc B
Adulteration	Negative	FSSAI Norms	Negative	Negative	Negative	Negative
Microbiological Characteristics						
Total Plate Count, CFU/g, Max	30,000	IS:5402	15000	16000	14000	13000
Coliform Count, CFU/g, Max	10	IS:5401 Part-1	<10	<10	<10	<10


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Name of Product	Whole Milk Powder	Date	19/04/2024
Brand Name	VIKAS	Drying Type	Spray Dried

Parameter	Specification as Per IS 1165:2022	Reference Method	Results	Results	Results	Results
Batch Number			037	038	039	
Mfg Date			Jan.24	Jan.24	Jan.24	
Expiry Date			Jun.24	Jun.24	Jun.24	
Physical and Chemical Characteristics						
Appearance	Smooth and free flow	Visual Inspection	Smooth and free flow	Smooth and free flow	Smooth and free flow	
Taste and Flavor	Clean and Pleasant	Sensory Evaluation	Clean and Pleasant	Clean and Pleasant	Clean and Pleasant	
Moisture Percent by Mass (Max)	4	IS:11623	3.2	3.0	3.2	
Total Solids Percent by mass (Min.)	96	SOP	96.8	97.0	96.8	
Milk Protein in milk SNF Percent by Mass (Min.)	34	IS:7219	37.0	37.1	37.3	
Milk Fat Percent by Mass	26-42	IS:11721	27.0	27.1	27.2	
Insolubility Index ml (Max)	2	IS:12759	05	0.4	0.4	
Total Ash on Dry Basis Percent by Mass (Max)	7.3	IS:14433	6.0	5.8	5.7	
Titrateable Acidity, ml of 0.1N NaOH/10g SNF (Max)	18	IS:11766	13.2	13.0	13.2	
Scorched Particles, mg Max	15 (Equivalent to Disc B)	IS:13500	Disc B	Disc B	Disc B	
Adulteration	Negative	FSSAI Norms	Negative	Negative	Negative	
Microbiological Characteristics						
Total Plate Count, CFU/g, Max	30,000	IS:5402	18000	14000	19000	
Coliform Count, CFU/g, Max	10	IS:5401 Part-1	<10	<10	<10	

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