



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT



TC-6118

ULR - TC61182400000543F  
Report No : FD24010055-01

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Report Date: 08 Jan 2024

**Customer Name** : M/s. A.R.Dairy Food Private Limited  
**Customer Address** : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002  
**Sample Name** : Raaj Spray Dried Skimmed Milk Powder  
**Sample Description** : Raaj Spray Dried Skimmed Milk Powder  
**Reference** : Test Request Form Dated 29.12.2023  
**Sample Identification** : Sample Code: MDBO/120000584/2023/228/FS/1,  
Batch Coding: 158, Mfg Date: 25.12.2023,  
CM/L: 6100027479  
**Sample Drawn By** : Customer

**Sample Quantity** : 500g x 1No  
**Sample Received on** : 02 Jan 2024  
**Test Started on** : 03 Jan 2024  
**Test Completed on** : 08 Jan 2024

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 13334 (Part-1):2014
<b>Biological</b>					
1	<i>Bacillus cereus</i>	IS 5887 (Part 6)	cfu/g	<10	NMT 100
2	<i>Bacterial Count</i>	IS 5402	cfu/g	6000	NMT 40000
3	<i>Escherichia coli</i>	IS 5887 (Part 1)	Per g	Absent	Absent
4	<i>Listeria monocytogenes</i>	IS 14988 (Part 1)	Per g	Absent	Absent
5	<i>Salmonella spp</i>	IS 5887 (Part 3)	Per 25g	Absent	Absent
6	<i>Staphylococcus aureus</i>	IS 5887 (Part 2)	cfu/g	<10	NMT 10
7	<i>Sulphite Reducing bacteria</i>	ISO 15213	cfu/g	<10	NMT 10
8	<i>Total Coliforms</i>	IS 5401 (Part 1)	cfu/g	<10	NMT 10
<b>Chemical</b>					
9	Appearance / Description	IS 13334 (Part 1)	--	White with greenish tinge to light cream in colour fine powder	--
10	Extraneous Matter	IS 13334 (Part 1)	--	Absent	Absent
11	Insolubility Index	IS 12759	ml	0.10	NMT 2.0
12	Milk Fat	IS 11721	g/100g	1.03	NMT 1.5
13	Milk Protein in Milk Solid Not Fat	IS 7219	g/100g	36.17	NLT 34.0
14	Moisture	IS 16072	g/100g	3.81	NMT 4.0
15	Scorched Particles	IS 13500	--	Disc A	Disc B

**S. Anbarasan**  
Authorized Signatory-Biological

**P. Jayasudha**  
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted



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S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 13334 (Part-1):2014
16	Titration Acidity	IS 11766	ml of 0.1 N NaOH/10g SNF	15.6	12 - 18
17	Total ash (on dry basis)	IS 14433	g/100g	7.67	NMT 8.2

Note: <10Cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit. NMT: Not more than. NLT: Not less than.  
Remarks: The sample conforms with the specification as per IS 13334 (Part 1) :2014 (Skimmed Milk Powder – Specification) for the above tested parameters.

/\*\*\*\*\* End of the Report \*\*\*\*\*/

*P. Jayasudha*  
P.Jayasudha  
Authorised Signatory-Chemical

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