



NAWaL Analytical Laboratories

Test Report



T - 1192 T - 1615

An ISO/IEC 17025:2005 (NABL), MoEF, BIS, FSSAI & APEDA Recognized Lab

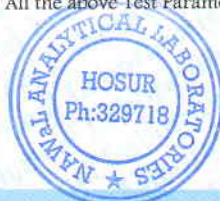
REPORT NO. F/D/17/0178	REPORT DATE: 02.05.2017
Sample Described by the Customer	SPRAY DRIED SKIMMED MILK POWDER
Batch No & DOP	1964 & 16.04.2017
Name of the Customer / Brand Name	M/s. A.R.DAIRY FOOD PRIVATE LIMITED / RAAJ
Address	10/5C, Madurai Road, Begampur (Po), Dindigul, Tamilnadu, India-624 002.
Sample by	M/s. A.R.DAIRY FOOD PRIVATE LIMITED
Requested By / Designation	Mr.G.Kannan / Manager QC
Quantity of the Sample Received	2 X 500 g
Customer Reference	By letter Dated: 22.04.2017
Date of Sample Receipt	25.04.2017
Date of Performance	25.04.2017 to 30.04.2017

S.No	TEST PARAMETERS	TEST PROTOCOL	UNIT	TEST RESULTS	Req as per IS 13334 (Part-1),2014 (Amendment 1)
CHEMICAL PARAMETERS					
1	Extraneous Matter	IS 13334 (Part-1),2014	-	Absent	-
2	Flavour & Taste	IS 13334 (Part-1),2014	-	Pleasant Odour	-
3	Moisture	IS 16072.2014	%	3.69	Max 4.0
4	Milk Protein in milk solids not fat	IS 7219.1973	%	35.85	Min 34.0
5	Milk fat	IS 11721.2013 (RA-2015)	%	0.34	Max 1.5
6	Insolubility Index	IS 12759.1989 (RA-2014)	ml	0.2	Max 2.0
7	Total Ash (On dry basis)	IS 14433. 2007 (RA 2012)	%	8.17	Max 8.2
8	Titrateable Acidity as Lactic Acid	IS 11766-1986 (RA-2012)	ml	17.0	12-18
9	Scorched Particles	IS 13500.1992 (RA-2012)	mg	7.5	Max 15
MICROBIOLOGICAL PARAMETERS					
10	Standard Plate Count	IS 5402 . 2012	Cfu/g	2700	Max 40,000
11	Coliform	IS 5401 (Part 1) 2012	Cfu/g	<10	Max 10
12	<i>Escherichia coli</i>	IS 5887(P-01).1976	Present(or)Absent/ g	Absent	Absent
13	Coagulase Positive <i>Staphylococcus aureus</i>	IS 5887(P-02).1976	Cfu/g	<10	Max 10
14	Salmonella	IS 5887(P-03).1999	Present(or)Absent/25g	Absent	Absent
15	<i>Listeria Monocytogenes*</i>	IS 14988 (P-01).2001	Present(or)Absent/g	Absent	Absent
SPORE COUNT					
16	i) Aerobic (Bacillus Cereus)	IS 5887(P-06).2012	Cfu/g	<10	Max 100
	ii) Anaerobic (Sulfite reducing Clostridia)*	ISO 15213.2003	Cfu/g	<10	Max 10

Note. The tests marked with an * are not accredited by NABL. All the above Test Parameters are carried out with the sample as received condition.

Authorised Signatory.

N. BHAVANI
(Sr. Microbiologist)



For NAWaL Analytical Laboratories

Authorised Signatory.
D. BALAKRISHNAN
(Technical Manager)

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