



# 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

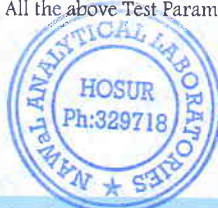
Sample Described by the Customer : **SPRAY DRIED SKIMMED MILK POWDER**  
 Batch No & DOP : 1964 & 16.04.2017  
 Name of the Customer / Brand Name : **M/s. A.R.DAIRY FOOD PRIVATE LIMITED / RAAJ**  
 Address : 10/5C, Madurai Road, Begampur (Po), Dindigul, Tamilnadu, India-624 002.  
 Sample by : **M/s. 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)
<b>CHEMICAL PARAMETERS</b>					
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
<b>MICROBIOLOGICAL PARAMETERS</b>					
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
<b>SPORE COUNT</b>					
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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