



Tirumala milk products pvt ltd - Melmaruvathur

S.No. 153/1B2,

Kattukudalore (V),

Madhuranthakam (TK),

Kancheepuram Dt.,

603301 Melmaruvathur.

INDIA

Mr Rajesh N B

ANALYTICAL REPORT

Sample code:	258-2019-04003210	Received on:	12.04.2019
Sample name:	Pasteurised milk	Analysed between:	12.04.2019 - 20.04.2019
Sample reference	Fresh sample requested		
Sample Appearance:	White colour liquid		
Quantity received:	180ml. X 4no.	Sample packing:	Trade Pack
Condition on receipt:	Good	Sampling:	NOT SAMPLED BY EUROFINS

CHEMICAL	Method	Result Unit	LOQ
IR138 IR pH	By pH Meter	6.7	
IR104 IR Titratable Acidity	FSSAI MANNUAL 1	0.16 g/100 g	
IR541 IR Sucrose	IS 12711:1989 (Reaffirmed 2010)	Absent g/100 g	
IR063 IR SNF	AOAC 990.21	10.66 g/100 g	
IR060 IR Total Fat	FSSAI MANUAL-1	3.05 g/100 g	
IR062 IR Total carbohydrates	By Calculation	5.99 g/100 g	
IR077 IR Protein (Nx6.38)	AOAC 991.20	3.8 g/100 g	
IR210 IR Melamine	EASI-CHE-SOP-37, LC-MS/MS	<0.1 mg/kg	0.1

HEAVY METALS AND MINERALS	Method	Result Unit	LOQ
IR0XI IR Lead (Pb)	AOAC 2015.01 by ICP-MS	<0.02 mg/kg	0.02
IR218 IR Cadmium (Cd)	AOAC 2015.01 by ICP-MS	<0.02 mg/kg	0.02
IR221 IR Arsenic (As)	AOAC 2015.01 by ICP-MS	<0.05 mg/kg	0.05
IR219 IR Mercury (Hg)	AOAC 2015.01 by ICP-MS	<0.01 mg/kg	0.01
IR220 IR Methyl Mercury as Hg	AOAC 2015.01 by ICP-MS	<0.01 mg/kg	0.01
IR235 IR Copper (Cu)	AOAC 2011.14 by ICP-MS	<0.1 mg/kg	0.1
IR226 IR Tin (Sn)	AOAC 999.10 by ICP-MS	<0.1 mg/kg	0.1
IR095 IR Calcium (Ca)	AOAC 2011.14 by ICP-MS	144 mg/100 g	

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MYCOTOXINS		Method	Result Unit	LOQ
IR188	IR Aflatoxin M1	EASI-CHE-SOP-35, LC-MS/MS	0.34 µg/kg	0.5
VITAMINS		Method	Result Unit	LOQ
IR132	IR Vitamin A	AOAC 2001.13	79.67 µg RE/100 g	
IR192	IR Vitamin D2	AOAC 2011.12	Traces (0.79) µg/100 g	1
MICROBIOLOGICAL		Method	Result Unit	LOQ
IR279	IR Total plate count	IS 5402:2012(Reaffirmed March 2018)	8.3x10 ³ cfu/ml	
IR282	IR Coliforms	IS 5401 (Part 1):2002 (Reaffirmed March 2018)	<1 cfu/ml	
IR281	IR Escherichia coli	IS 5887 (Part 1):1976 (Reaffirmed March 2018)	Absent /ml	
IR287	IR Listeria monocytogenes	IS 14988(Part 1) : 2012(Reaffirmed 2018)	Absent /25 ml	
IR0HX	IR Salmonella	IS 5887 (Part 3):1999 (Reaffirmed March 2018)	Absent 25/ml	
IR030	IR Staphylococcus aureus	ISO 6888-1:1999	Absent /25ml	
PESTICIDES		Method	Result Unit	LOQ
IR123	IR Mancozeb as CS2	EASI-CHE-SOP-30, GC-MS	<0.01 mg/kg	
IR123	IR Metiram as CS2	EASI-CHE-SOP-30, GC-MS	<0.01 mg/kg	
IR08R	IR Clothianidin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0CN	IR Dinotefuran	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0IA	IR Glufosinate-ammoniu m	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0CJ	IR Imidacloprid	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0AN	IR Methomyl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR01S	IR Chlorothalonil	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02I	IR Flusilazole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR07D	IR Thiophanate-methyl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR253	IR 2,4-D	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR09U	IR Acephate	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0FE	IR Acetamiprid	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0EQ	IR Azoxystrobin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR06G	IR Bifenthrin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0BR	IR Bitertanol	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0D9	IR Buprofezin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0A0	IR Carbaryl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01

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PESTICIDES			Method	Result Unit	LOQ
IR09L	IR	Carbendazim	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0A1	IR	Carbofuran	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0EK	IR	Chlorantraniliprole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0LD	IR	Chlorpyrifos	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR01W	IR	Cypermethrin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR01Z	IR	Deltamethrin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0PQ	IR	Demeton-S-methyl sulfoxide (= oxydemeton-methyl)	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02C	IR	Dichlorvos	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02D	IR	Difenoconazole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0A6	IR	Dimethoate	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0BU	IR	Edifenphos	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0CP	IR	Emamectin, benzoate-	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR09C	IR	Ethion	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0LK	IR	Etofenprox	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02G	IR	Fenpropathrin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02H	IR	Fenvalerate	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR08T	IR	Fipronil	EASI-CHE-SOP-40	<0.005 mg/kg	0.005
IR0DW	IR	Flubendiamide	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR05Y	IR	Indoxacarb	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR03M	IR	Kresoxim-methyl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0MY	IR	Methomyl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR02N	IR	Metolachlor	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0C0	IR	Monocrotophos	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0PY	IR	Paraquat Dichloride	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0AR	IR	Penconazole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR04A	IR	Phenthoate	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0AT	IR	Phorate	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0EW	IR	Pirimiphos-methyl	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0AY	IR	Propiconazole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR09K	IR	Pyraclostrobin	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0WP	IR	Tebuconazole	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR07Z	IR	Thiacloprid	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0F5	IR	Thiamethoxam	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR20B	IR	Triacantanol	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0EY	IR	Triadimefon	EASI-CHE-SOP-40	<0.01 mg/kg	0.01
IR0B6	IR	Trichlorfon	EASI-CHE-SOP-40	<0.01 mg/kg	0.01

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Report code: AR-19-IR-024847-02



Batch code: EUINBA-00043263

ULR: TC543619000019047P

PESTICIDES		Method	Result Unit	LOQ
IR682	IR	Methyl Chlorophenoxy Acetic Acid (MCPA)	EASI-CHE-SOP-40 <0.01 mg/kg	0.1

< - Concentration below the indicated limit of quantification

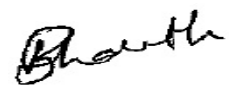
Note: This report supersedes AR-19-IR-024847-02, for salmonella unit change.

The tests identified by the two letters code IR are performed by Eurofins Analytical Services India (Bangalore), INDIA.



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Mr Bharath Mandya Ramashetty

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LOQ = Limit of Quantification

This report supersedes Test Report No. AR-19-IR-024847-01, dated 04/05/2019.

***** END OF REPORT *****

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