



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

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ULR - TC61182200006271F


Report No : QFD22070178-03

Report Date: 18 Jul 2022

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 Cow Milk 500ml **Sample Quantity** : 500ml x 3No's
Sample Description : Raaj Cow Milk 500ml **Sample Received on** : 13 Jul 2022
Reference : Test Request Form Date 12.07.2022 **Test Started on** : 13 Jul 2022
Sample Identification : Batch No:FCT.H1, Use By Date: 14 Jul 2022 **Test Completed on** : 18 Jul 2022
Sample Drawn By : Customer

TEST RESULTS

| S.NO | Parameter | Test Method | Unit | Results | Requirement as per FSSR 2011 Amd.2022 |
|---|---|-----------------|-------|----------------|---------------------------------------|
| Food & Agri- Milk & Dairy Products | | | | | |
| Antibiotics - Beta Lactam | | | | | |
| 1 | Amoxicillin | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | -- |
| 2 | Ampicillin | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 3 | Cefapirin (Cephapirin) | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | -- |
| 4 | Ceftiofur | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 5 | Cloxacillin | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | -- |
| 6 | Penicillin G | SMSLA/LS/SOP/09 | mg/kg | BLQ(LOQ:0.01) | -- |
| Antibiotics - Sulfonamides | | | | | |
| 7 | Sulfadiazine | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | NMT 0.01 |
| 8 | Sulfaguanidine | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | -- |
| 9 | Sulfamethazine / Sulfadimidine | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | NMT 0.025 |
| 10 | Sulfanilamide | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | NMT 0.01 |
| 11 | Sulfaquinoxaline / Sulfachinoxalin | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | NMT 0.01 |
| 12 | Sulfathiazole | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.005) | -- |
| Antibiotics- Fluoroquinolones | | | | | |
| 13 | Enrofloxacin | SMSLA/LS/SOP/07 | mg/kg | BLQ(LOQ:0.01) | -- |
| Antibiotics-Tetracyclines | | | | | |
| 14 | Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC) | SMSLA/LS/SOP/06 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |


K. PRAKASH
Senior Chemist

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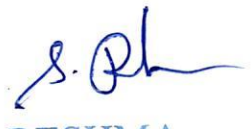
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|----------------------------|---|-------------------|-----------|-----------------|---------------------------------------|
| Biological | | | | | |
| 15 | <i>Listeria monocytogenes</i> | IS 14988 (Part 1) | Per 25mL | Absent | Absent |
| 16 | <i>Salmonella spp</i> | IS 5887 (Part 3) | Per 25mL | Absent | Absent |
| 17 | <i>Total Coliforms</i> | IS 5401 (Part 1) | cfu/mL | <1 | NMT 10 |
| 18 | <i>Total Plate Count</i> | IS 5402 | cfu/mL | 1200 | NMT 30000 |
| Chemical | | | | | |
| 19 | Added Sugar | SMSLA/FD/SOP/019 | g/100g | Nil | -- |
| 20 | Added Urea | FSSAI Manual 1 | -- | Absent | -- |
| 21 | Boric Acid & Borates | FSSAI Manual 1 | -- | Absent | -- |
| 22 | Total Carbohydrates | IS 1656 | g/100g | 4.86 | -- |
| 23 | Cellulose | FSSAI Manual 1 | -- | Absent | -- |
| 24 | Dietary Fibre | AOAC 985.29 | g/100g | Nil | -- |
| 25 | Energy | SMSLA/FD/SOP/011 | Kcal/100g | 61.9 | -- |
| 26 | Total Fat | FSSAI Manual 1 | g/100g | 3.30 | NLT 3.2 |
| 27 | Hydrogen Peroxide | FSSAI Manual 1 | -- | Absent | -- |
| 28 | Maltodextrin/ Dextrin | IS 1479 (Part 1) | -- | Absent | -- |
| 29 | Protein | AOAC 2001.11 | g/100g | 3.19 | -- |
| 30 | Solid Not Fat | AOAC 990.21 | g/100g | 8.35 | NLT 8.3 |
| 31 | Total Sugar | SMSLA/FD/SOP/019 | g/100g | 4.86 | -- |
| 32 | Formaldehyde | FSSAI Manual 1 | -- | Absent | -- |
| Fatty Acid Profile | | | | | |
| 33 | Saturated Fat | SMSLA/GM/SOP/01 | g/100g | 2.544 | -- |
| 34 | Trans Fat | SMSLA/GM/SOP/01 | g/100g | BLQ (LOQ:0.001) | -- |
| Mycotoxins | | | | | |
| 35 | Aflatoxin M1 | SMSLA/HC/SOP/03 | µg/kg | BLQ(LOQ:0.25) | NMT 0.5 |
| Others - Cyanamides | | | | | |
| 36 | Melamine | SMSLA/LS/SOP/11 | mg/kg | BLQ(LOQ:0.01) | NMT 2.5 |
| Pesticides | | | | | |
| 37 | (2,4-Dichlorophenoxy) acetic acid sodium salt | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 38 | Acephate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 39 | Acetamiprid | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |


D. KARTHIK
Microbiologist


S. RESHMA
Senior Chemist

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|------|----------------------------|-----------------|-------|---------------|---------------------------------------|
| 40 | Azoxystrobin | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 41 | Benomyl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 42 | Bifenthrin | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.2 |
| 43 | Bitertanol | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 44 | Buprofezin | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 45 | Carbaryl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 46 | Carbendazim | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 47 | Carbofuran | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 48 | Chlorantraniliprole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 49 | Chlorothalonil | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.07 |
| 50 | Chlorpyrifos Ethyl | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 51 | Clothianidin | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 52 | Cypermethrin-(I,II,III,IV) | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 53 | Deltamethrin | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 54 | Dichlorvos | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 55 | Difenoconazole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 56 | Dimethoate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 57 | Dinotefuran | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 58 | Edifenphos | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 59 | Emamectin benzoate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 60 | Ethion | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.5 |
| 61 | Etofenprox | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 62 | Fenpropathrin | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 63 | Fenpyroximate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | -- |
| 64 | Fipronil | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 65 | Flubendiamide | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 66 | Flusilazole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 67 | Glufosinate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 68 | Imidacloprid | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 69 | Indoxacarb | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |


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|-----------------------------|---|-----------------|---------|---------------|---------------------------------------|
| 70 | Kresoxim methyl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 71 | Mancozeb as CS2 | SMSLA/GM/SOP/05 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 72 | Metalachlor | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 73 | Methomyl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 74 | Methyl Chlorophenoxy Acetic Acid (MCPA) | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.04 |
| 75 | Metiram as CS2 | SMSLA/GM/SOP/05 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 76 | Monocrotophos | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 77 | Oxydemeton methyl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 78 | Paraquat | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 79 | Penconazole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 80 | Phenthoate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 81 | Phorate | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 82 | Pirimiphos methyl | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 83 | Propiconazole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 84 | Pyraclostrobin | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.03 |
| 85 | Tebuconazole | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 86 | Thiocloprid | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| 87 | Thiodicarb | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | -- |
| 88 | Thiometon | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | -- |
| 89 | Triacntanol | SMSLA/GS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 90 | Triadimefon | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.01 |
| 91 | Trichlorfon (Dylox) | SMSLA/LS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.05 |
| Preservatives | | | | | |
| 92 | Sorbic acid | SMSLA/HC/SOP/18 | mg/kg | BLQ(LOQ:10.0) | -- |
| Sterols | | | | | |
| 93 | Cholesterol | SMSLA/GM/SOP/02 | mg/100g | 11.957 | -- |
| Trace Metal Elements | | | | | |
| 94 | Arsenic | SMSLA/IS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.1 |
| 95 | Calcium | SMSLA/IS/SOP/05 | mg/100g | 125.75 | -- |


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| S.NO | Parameter | Test Method | Unit | Results | Requirement as per FSSR 2011 Amd.2022 |
|------|--|-----------------|---------|---------------|---------------------------------------|
| 96 | Lead | SMSLA/IS/SOP/02 | mg/kg | BLQ(LOQ:0.01) | NMT 0.02 |
| 97 | Methyl Mercury [Calculated as Element] | SMSLA/IS/SOP/02 | mg/kg | BLQ(LOQ:0.1) | NMT 0.25 |
| 98 | Potassium | SMSLA/IS/SOP/05 | mg/100g | 175.90 | -- |
| 99 | Sodium | SMSLA/IS/SOP/05 | mg/100g | 42.25 | -- |

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2022 for the above tested parameters.

Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification.cfu-colony forming unit. NMT: Not more than. NLT: Not less than.

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

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