

ALPRO**Calpro Specialities Pvt. Ltd.**

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CIN : U74899HR1989PTC045037

Date: 11.04.2025


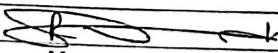
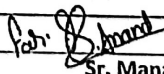
CERTIFICATE OF ANALYSIS

Product Name : Whey Permeate Powder
Batch No. : CSWPP2503003
Date of Manufacturing : 28 Mar 2025
Date of Expiry : 27 Mar 2026

| S. NO | TEST PARAMETER | ACCEPTANCE CRITERIA | OBSERVED RESULTS | REFERENCE TEST METHOD |
|-------|--|---|------------------|-----------------------|
| 1 | Colour/ Appearance | White to cream free flowing powder | Creamy White | CSPLK/QC/STM/01/00 |
| 2 | Taste / Flavour | Typical whey-Slightly sweet note, free from off-flavour | Slightly Sweet | CSPLK/QC/STM/01/00 |
| 3 | Milk solids | Min. 96.00 | 96.85 | CSPLK/QC/STM/02/00 |
| 4 | Moisture % (by mass) | Max. 4.00 | 3.15 | CSPLK/QC/STM/03/00 |
| 5 | Milk Fat % (by mass) | Max. 1.50 | 0.66 | CSPLK/QC/STM/09/00 |
| 6 | Protein Content % (ODB) | Min. 1.00 | 4.70 | CSPLK/QC/STM/11/00 |
| 7 | Ash Content % (ODB) | Max. 6.00 | 5.50 | CSPLK/QC/STM/12/00 |
| 8 | pH of 10 % w/v solution in water | 6.00-7.20 | 6.32 | CSPLK/QC/STM/07/00 |
| 9 | Bulk Density (g/ml) | 0.65 – 0.85 | 0.72 | CSPLK/QC/STM/05/00 |
| 10 | Scorched particles, equivalent to ADPI disc | Max. Disc B | Disc B | CSPLK/QC/STM/08/00 |
| 11 | Titration acidity (ml 0.1 N NaOH/ 10 gm solid not fat) | Max. 1.50 | 1.26 | CSPLK/QC/STM/06/00 |
| 12 | Standard Plate Count/g | Max. 50,000 | 13000 | CSPLK/MIC/STM/01/00 |
| 13 | Yeast & Mould cfu/g | Max. 50 | <10 | CSPLK/MIC/STM/02/00 |
| 14 | Coliform count/g | Max. 10 | Absent | CSPLK/MIC/STM/03/00 |
| 15 | E.coli/10g | Absent | Absent | CSPLK/MIC/STM/04/00 |
| 16 | Salmonella/25g | Absent | Absent | CSPLK/MIC/STM/05/00 |
| 17 | Shigella/25g | Absent | Absent | CSPLK/MIC/STM/06/00 |
| 18 | Listeria Monocytogenes/25g | Absent | Absent | CSPLK/MIC/STM/08/00 |
| 19 | Staphylococcus aureus/0.1g | Absent | Absent | CSPLK/MIC/STM/07/00 |
| 20 | B.Cereus, cfu/g | Max. 1000 | 300 | CSPLK/MIC/STM/09/00 |
| 21 | Enterobacteriaceae/g | Absent | Absent | CSPLK/MIC/STM/12/00 |
| 22 | Faecal streptococci /0.1g | Absent | Absent | CSPLK/MIC/STM/13/00 |

Note: All reference test methods taken from FSSAI, BIS & IDF

The above product i.e. Whey Permeate Powder is manufactured at our plant, M/S CalproSpecialities Pvt. Ltd., KosiKalan, Mathura, Uttar Pradesh, India

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|  Executive Q.C |  Manager Q.C |  Sr. Manager Q.A |
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