

# NUTRA HEALTHCARE PRIVATE LIMITED

Address: 117 TO 120, Om Industrial Estate- 2, Village: Makna, Ta.  
Kamrej, Surat-394325, Gujarat- India.

## CERTIFICATE OF ANALYSIS

|                  |                         |                          |
|------------------|-------------------------|--------------------------|
| Name of product: | WHEY CONCENTRATE POWDER |                          |
| Batch No:        | NHPR25207               | ATR No. : 0442/25/26     |
| Mfg Date:        | MAR - 2025              | Sample Quantity: 100 gm  |
| Exp. Date:       | AUG - 2026              | Release Date: 25/03/2025 |

| SR.NO | TEST                                            | SPECIFICATION                             | RESULT                                    |
|-------|-------------------------------------------------|-------------------------------------------|-------------------------------------------|
| 1     | Description                                     | Fine Powder, having Chocolate Colour.     | Complies                                  |
| 2     | Solubility                                      | Freely soluble in water and ethanol (95%) | Freely soluble in water and ethanol (95%) |
| 3     | Loss On Drying                                  | NMT 8% w/w at 105°C for 2 Hours           | 4.20 % w/w                                |
| 4     | Flavour                                         | Rich Chocolate Flavour                    | Rich Chocolate Flavour                    |
| 5     | Net.Wt                                          | 1000 gm                                   | 1000.2 gm                                 |
| 6     | <b>Nutrition Facts : ( Per 100 gm Approx. )</b> |                                           |                                           |
|       | Calories                                        | 405.71 kcal                               | 405.73 kcal                               |
|       | Protein                                         | 57.14 gm                                  | 57.16 gm                                  |
|       | Total Carbohydrate                              | 31.43 gm                                  | 31.45 gm                                  |
|       | Total Sugar                                     | 0 gm                                      | 0.0 gm                                    |
|       | Added Sugar                                     | 0 gm                                      | 0.0 gm                                    |
|       | Total Fat                                       | 5.71 gm                                   | 5.72 gm                                   |
|       | Monounsaturated Fatty Acids                     | 1.71 gm                                   | 1.72 gm                                   |
|       | Polyunsaturated fatty Acids                     | 1.43 gm                                   | 1.45 gm                                   |
|       | Saturated Fat                                   | 2.57 gm                                   | 2.59 gm                                   |
|       | Trans Fat                                       | 0 gm                                      | 0.0 gm                                    |
|       | Cholesterol                                     | 100 mg                                    | 100.02 mg                                 |
|       | Sodium                                          | 342.86 mg                                 | 342.88 mg                                 |
|       | <b>Amino Acids Profile per 100 gm (Approx)</b>  |                                           |                                           |
|       | L-Arginine – 1.60 gm                            | Not less than 80 % w/w of label claim     | 100.96 %                                  |
|       | L-Methionine – 3.77 gm                          | Not less than 80 % w/w of label claim     | 99.26 %                                   |
|       | L-Cysteine – 1.37 gm                            | Not less than 80 % w/w of label claim     | 101.11 %                                  |
|       | L-Serine – 1.20 gm                              | Not less than 80 % w/w of label claim     | 101.06 %                                  |
|       | L-Tryptophan – 1.03 gm                          | Not less than 80 % w/w of label claim     | 102.29 %                                  |
|       | L-Lysine – 4.06 gm                              | Not less than 80 % w/w of label claim     | 98.78 %                                   |
|       | L-Histidine – 0.97 gm                           | Not less than 80 % w/w of label claim     | 100.22 %                                  |
|       | L-Phenylalanine – 1.63 gm                       | Not less than 80 % w/w of label claim     | 101.63 %                                  |

|             | Name             | Designation- Department | Sign/Date |
|-------------|------------------|-------------------------|-----------|
| Prepared By | Jandeep Kumbhani | Trainee QA/QC           | 25/03/25  |
| Reviewed By | Umesh Thakur     | Officer QA/QC           | 25/03/25  |
| Approved By | Hinal Naria      | Manager QA/QC           | 25/03/25  |

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| <b>Exp. Date:</b>       | <b>AUG - 2026</b>              | <b>Release Date: 25/03/2025</b> |

| SR.NO | TEST                                                                                                                           | SPECIFICATION                         | RESULT   |
|-------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|
|       | L-Tyrosine – 3.31 gm                                                                                                           | Not less than 80 % w/w of label claim | 100.59 % |
|       | L-Valine – 2.77 gm                                                                                                             | Not less than 80 % w/w of label claim | 99.21 %  |
|       | L-Leucine – 5.80 gm                                                                                                            | Not less than 80 % w/w of label claim | 100.06 % |
|       | L-Aspartic Acid – 6 gm                                                                                                         | Not less than 80 % w/w of label claim | 101.52 % |
|       | L-Glutamic Acid – 8.46 gm                                                                                                      | Not less than 80 % w/w of label claim | 102.33 % |
|       | L-Alanine – 6.14 gm                                                                                                            | Not less than 80 % w/w of label claim | 100.19 % |
|       | L-Glycine – 0.91 gm                                                                                                            | Not less than 80 % w/w of label claim | 101.21 % |
|       | L-Isoleucine – 3.63 gm                                                                                                         | Not less than 80 % w/w of label claim | 102.39 % |
|       | L-Proline – 2.89 gm                                                                                                            | Not less than 80 % w/w of label claim | 99.15 %  |
|       | L-Threonine – 1.57 gm                                                                                                          | Not less than 80 % w/w of label claim | 100.62 % |
| 7     | <b>Microbial Enumeration Tests</b>                                                                                             |                                       |          |
|       | Bacterial Count                                                                                                                | NMT 100 cfu/g                         | 10 cfu/g |
|       | Fungal Count                                                                                                                   | NMT 10 cfu/g                          | 2 cfu/g  |
|       | <b>Test For Specified Micro Organisms</b>                                                                                      |                                       |          |
|       | Pseudomonas aeruginosa                                                                                                         | Should be Absent                      | Absent   |
|       | Staphylococcus aureus                                                                                                          | Should be Absent                      | Absent   |
|       | Salmonella                                                                                                                     | Should be Absent                      | Absent   |
|       | E - Coli                                                                                                                       | Should be Absent                      | Absent   |
|       | <b>STATUS : The Batch Counter Sample Complies with the prescribed Quality as per Technical Specification of This product .</b> |                                       |          |
|       |                                                                                                                                |                                       |          |

|             | Name             | Designation- Department | Sign/Date       |
|-------------|------------------|-------------------------|-----------------|
| Prepared By | Jaydeep Kumbhani | Trainee QA/QC           | Conlet 25/03/25 |
| Reviewed By | Himel Thakor     | Officer QA/QC           | @Winey 25/03/25 |
| Approved By | Hinal Naik       | Manager QA/QC           | Nrk 25/03/25    |