

Mfg Date:	JUL - 2024	Sample Quantity: 100 gm
Exp. Date:	DEC - 2025	Release Date: 18/07/2024

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	6.1 % W/W
4	Flavour	Chocolate Flavour	Chocolate Flavour
5	Net.Wt	1.0 kg	1.03 kg
6	Nutrition Facts : (Per 100 gm Approx)		
	Energy	329.70 kcal	329.71 kcal
	Protein	81.82 gm	81.83 gm
	Total Carbohydrate	0.6 gm	0.7 gm
	Total Sugar	0 gm	0.0 gm
	Added Sugar	0 gm	0.0 gm
	Total Fat	0 gm	0.0 gm
	Monounsaturated Fatty Acids	0 gm	0.0 gm
	Polyunsaturated fatty Acids	0 gm	0.0 gm
	Saturated Fat	0 gm	0.0 gm
	Trans Fat	0 gm	0.0 gm
	Cholesterol	0 mg	0.0 mg
	Amino Acids Profile per 100 gm (Approx)		
	L-Arginine – 2.27 gm	Not less than 80 % w/w of label claim	100.52 %
	L-Methionine – 5.42 gm	Not less than 80 % w/w of label claim	99.10 %
	L-Cysteine – 1.97 gm	Not less than 80 % w/w of label claim	102.25 %
	L-Serine – 1.72 gm	Not less than 80 % w/w of label claim	99.11 %
	L-Tryptophan – 1.46 gm	Not less than 80 % w/w of label claim	100.08 %
	L-Lysine – 5.84 gm	Not less than 80 % w/w of label claim	101.56 %
	L-Histidine – 1.41 gm	Not less than 80 % w/w of label claim	98.65 %
	L-Phenylalanine – 2.29 gm	Not less than 80 % w/w of label claim	100.64 %
	L-Tyrosine – 4.74 gm	Not less than 80 % w/w of label claim	98.11 %
	L-Valine – 4.01 gm	Not less than 80 % w/w of label claim	100.71 %

	Name	Designation- Department	Sign/Date
Prepared By	Dhany Nistiy	Trainee QA/QC	DY NISTY 18/07/24
Reviewed By	Umesh D. Kulkarni	Officer	Umesh D. Kulkarni

CERTIFICATE OF ANALYSIS

Name of product:	GOLD WHEY ISOLATE POWDER	
Batch No:	NHPR24619	ATR No. : 2228/24/25
Mfg Date:	JUL – 2024	Sample Quantity: 100 gm
Exp. Date:	DEC - 2025	Release Date: 18/07/2024

SR.NO	TEST	SPECIFICATION	RESULT
	L-Leucine – 8.33 gm	Not less than 80 % w/w of label claim	99.89 %
	L-Aspartic Acid – 8.60 gm	Not less than 80 % w/w of label claim	101.54 %
	L-Glutamic Acid – 12.12 gm	Not less than 80 % w/w of label claim	100.68 %
	L-Alanine – 8.79 gm	Not less than 80 % w/w of label claim	101.07 %
	L-Glycine – 1.30 gm	Not less than 80 % w/w of label claim	100.35 %
	L-Isoleucine – 5.21 gm	Not less than 80 % w/w of label claim	101.44 %
	L-Proline – 4.12 gm	Not less than 80 % w/w of label claim	100.02 %
	L-Threonine – 2.24 gm	Not less than 80 % w/w of label claim	99.27 %
	Microbial Enumeration Tests		
	Bacterial Count	NMT 100 cfu/gm	11 cfu/gm
	Fungal Count	NMT 10 cfu/gm	2 cfu/gm
7	Test For Specified Micro Organisms		
	Pseudomonas aeruginosa	Should be Absent	Absent
	Staphylococcus aureus	Should be Absent	Absent
	Salmonella	Should be Absent	Absent
	E - Coli	Should be Absent	Absent
STATUS : The Batch Counter Sample Complies with the prescribed Quality as per Technical Specification of This product .			