

CERTIFICATE OF ANALYSIS

Name of the product : Protein SR Powder	Batch no. : 02058
Batch Size : 2000 containers	Date of Analysis : 03/02/2021
Date of Manufacture : Feb.2021	Date of Release : 07/02/2021
Date of Expiry : July. 2022	Pack Size : 200 g

	SPECIFICATIONS	RESULTS
APPEARANCE	White to Off White colored powder	White to Off White colored powder
TYPE	Food supplement	Food supplement

SAMPLE QUANTITY: 100g

Label claim : Protein Powder	Ingredients: Vitamins, Fats, Minerals
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Physical parameters

TESTS	SPECIFICATIONS	RESULTS
Bulk density	0.4 – 0.8 g / ml	0.71 g/ ml
Moisture Content	NMT 5.0 %	0.63%
Passing through mesh size 30	98- 99 %	98 %

TESTS	SPECIFICATIONS	RESULTS
Vitamins		
Vitamin A	1500 mcg (+167 % *RDA)	1512mcg
Vitamin C	60 mg (+66.7 % *RDA)	62 mg
Vitamin D	10 mcg (±5 %)	10.02 mcg
Vitamin E	18 mg (+120 % *RDA)	18.5 mg
Thiamine	1.5 mg (+125% *RDA)	1.6 mg
Riboflavin	1.7 mg (+68 % *RDA)	1.79 mg
Niacin	20 mg(+125 % *RDA)	22 mg
Pantothenic acid	3.6 mg (+72 % *RDA)	3.7 mg
Vitamin B6	1.8 mg (+138 % *RDA)	1.9mg
Vitamin B12	6 mcg (+250 % *RDA)	8.1 mcg
Vitamin K	40 mcg (+44 % *RDA)	41 mcg
Folate	400 mcg (+100% *RDA)	402 mcg
Biotin	30 mcg (±5 %)	30.01 mcg
Fat		
Polyunsaturated fat	1 g (±5 %)	1.01 g
Mon unsaturated fat	0.5 g (±5 %)	0.50 g
Saturated fat	0 g (±5 %)	0 g
Trans fat	0 g (±5 %)	0 g
Cholesterol	0 g (±5 %)	0 g
Omega 3 fatty acid	0.25 g (+50 % *RDA)	0.28 g
Sodium	0.25 g (+11% *RDA)	0.26g
Total carbohydrates	36 g (+12% *RDA)	36.8 g

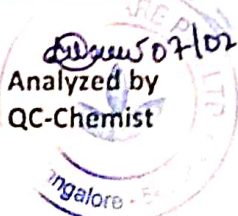
Pragati Biocare (P) Ltd.,
No. 55 & 56, Bikasipura Main Road, Behind J. C. Industrial Area, Yelachanahalli, Bangalore-560062.
Tel : +91-80-26860519, Email : Info@blonova.co.In

TESTS	SPECIFICATIONS	RESULTS
Complex carbohydrates	12 g ($\pm 5\%$)	12.02 g
Natural Dietary fiber	8 g (+21% *RDA)	8.2 g
Lactic acid bacillus	100 mg ($\pm 5\%$)	100.05 mg
L-Carnitine	200 mg (+10% *RDA)	200.02 mg
Inositol	100 mg ($\pm 5\%$)	100.06 mg
Coenzyme Q10	30 mg (+15% *RDA)	30.8 mg
Lutein	25 mg ($\pm 5\%$)	25.03 mg
Minerals		
Calcium	600 mg (+25% *RDA)	602 mg
Iron	7.2 mg (+35% *RDA)	7.3 mg
Chromium	38.4 mcg (+110% *RDA)	39 mcg
Selenium	42 mcg(+76% *RDA)	43 mcg
Copper	2 mg (+143% *RDA)	3.5 mg
Molybdenum	45.2 mcg (+41.5% *RDA)	45.8 mcg
Potassium	840 mg (+42% *RDA)	843 mg
Magnesium	20 mg (+4.8% *RDA)	20 mg
Manganese	2 mg (+8.7 % *RDA)	2.2 mg
Iodine	75 mg (+50 % *RDA)	75.3 mg
Nickle	0.5 mcg (+0.05 % *RDA)	0.502 mcg
Phosphorous	120 mg (+17% *RDA)	120.05 mg
Zinc	7.2 mg (+65 % *RDA)	72.3 mg
Boron	20 mcg ($\pm 5\%$)	20.02 mcg
Vanadium	20 mcg ($\pm 5\%$)	20.02 mcg
Energy	360 kcal ($\pm 5\%$)	360 kcal
Soya protein isolate	12 g ($\pm 5\%$)	12.01 g
Pea protein	2 g ($\pm 5\%$)	2.02g
Calcium caseinate	12 g ($\pm 5\%$)	12.06 g
Milk protein solid	40 g ($\pm 5\%$)	40.09g
Total protein	64 g ($\pm 5\%$)	64.2 g

MICROBIOLOGICAL TESTS (AS PER IP-2010)

TESTS (per g)	SPECIFICATIONS	RESULTS
Total Aerobic Microbial Count	MAX 20,000 cfu/g	≤ 20 cfu/g
Total Yeast and Mould	MAX 200 cfu/g	≤ 30 cfu/g
Enterobacterial & Bile Tolerant Gram- Negative Bacteria	MAX 200 cfu/g	≤ 10 cfu/g
Salmonella	Absent in 10 g	Absent
Escherichia Coli	Absent in 1 g	Absent
Staphylococcus Aureus	Absent in 1 g	Absent
Coliform	Max 10 cfu/g	≤ 10 cfu/g

Remarks: This product complies as per In-house specifications.


 Analyzed by
 QC-Chemist
 Bangalore - 560062


 Checked by
 QA-Senior Executive
 Bangalore - 560062


 Approved by
 AGM(Production)
 Bangalore - 560062

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