



Tirupati Wellness Private Limited
Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173025, India.

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis Finished Good: -

Name of Product	: Muscle XP Beginners Protein (Double chocolate flavor) 1 Kg	A.R. No.	: TWN/FPF1835/21
Protocol No.	: TWN/QCD/TDF-0183-00	Received Date	: 16/12/2021
Batch No.	: EMB21009	Date of Release	: 23/12/2021
Mfg. Date	: Dec. 2021	Batch Size	: 150 Kg
Best Before	: 24 months from mfg.	Sampled Qty.	: 1 Jar
Specification No.	: TWN/FPS/0171-00	Sampled By	: Mr. Ankit

Sr.No.	Tests	Specifications	Observation
1.	Description	Brown colored chocolate flavored Powder	Brown colored chocolate flavored Powder
2.	Identification		
	Protein	Confirms by titration as described in assay	Complies
	Carbohydrate	Confirms by UV Spectrophotometer as described in assay	Complies
3.	Organoleptic Reconstitution (30g in 150-200 of chilled water)	Brown colored chocolate flavored Suspension.	Brown colored chocolate flavored Suspension.
4.	pH (10.0% solution in water)	Between 6.00 to 8.00	6.42
5.	Loss on drying(at 105°C for 3hrs)	Not more than 9.0 % (w/w)	4.6 %w/w
6.	Bulk Density		
	Untapped	Between 0.40 to 0.60 g/ml	0.49 g/ml
	Tapped	Between 0.60 to 0.80 g/ml (100 Taps)	0.65 g/ml

Signatories	Prepared By:	Checked By:	Approved By:
Name	Ashok Kumar	Vijou/Shimoy	Vineet Kumar
Designation/Dept.	Executive	Dy. Manager	Asst. Manager
Signature/Date	 23/12/2021	 23/12/2021	 23/12/2021





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7.	Assay per 30g			
	Content	Claim	Limit	Result
	Protein	12.00 g	Not less than 90% of Labeled amount i.e. (NLT 10.80 g)	11.97 g 99.8 %
	Carbohydrate	13.50 g	NLT 90% of labeled amount of Carbohydrate i.e. (NLT 12.15g)	13.80 g 102.2 %
8.	Microbial Limit Test			
	Total Aerobic Count		NMT 10,000 cfu/g	700 cfu/g
	Total Fungal Count		NMT 1000 cfu/g	<100 cfu/g
	Pathogens:			
	E coli		Should be absent/g	Absent/g
	Salmonella species		Should be absent/25g	Absent/25g
	Pseudomonas aeruginosa		Should be absent/g	Absent/g
	Staphylococcus aureus		Should be absent/g	Absent/g

Remark: All test parameter of the sample complies / does not comply as per the specification.

Signatories	Prepared By:	Checked By:	Approved By:
Name	Ashok Kumar	Vijay Shankar	Vinod Kumar
Designation/Dept.	Executive	Asst. Manager	Asst. Manager
Signature/Date	 23/12/2021	 23/12/2021	 23/12/2021

