



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 WHEY PROTEIN DOUBLE CHOCOLATE FLAVOUR 2 Kg	A.R. No.	: TWN/FPF0074/22
Protocol No.	: TWN/QCD/TDF-0039-02	Received Date	: 20/01/2022
Batch No.	: EMB22001	Date of Release	: 27/01/2022
Mfg. Date	: Jan. 2022	Batch Size	: 1200 KG
Best Before	: 18 months from mfg.	Sampled Qty.	: 500 gm
Specification No.	: TWN/FPS/0021-02	Sampled By	: Mr. Ankit

Sr.No.	Tests	Specifications	Observation
1.	Description	Brown colored chocolate Flavored powder	Brown colored chocolate Flavored powder
2.	Sensory requirements		
	Appearance/Color /Aroma/Taste	Brown colored Chocolate flavored suspension.	Complies
	Sensory Score	≥80%	100%
3.	Identification		
	Protein	Confirm chemically by Titration As per assay method.	Complies
	Carbohydrate	Confirm by UV Spectroscopy As per assay method	Complies
4.	Organoleptic Reconstitution (33g in 200ml of chilled water)	Brown colored Chocolate flavored suspension.	Brown colored Chocolate flavored suspension.
5.	pH (10.0% solution in water)	5.0 to 8.0	6.46
6.	Loss on Drying (At 105°C for 3 hrs.)	NMT 7.0 % (w/w)	4.6 %w/w

Signatories	Prepared By:	Checked By:	Approved By:
Name	Jyoti Chaudhary	Geetanjali Kaur	Vijay Kumar
Designation/Dept.	Sr. official Q.C	Executive IQC	Asst. Manager IQC
Signature/Date	 27/01/2022	 27/01/2022	 27/01/2022





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7.	Bulk Density			
	Untapped	Between 0.25 g/ml to 0.45 g/ml	0.33 g/ml	
	Tapped	Between 0.30 g/ml to 0.50 g/ml (100 Taps)	0.44 g/ml	
8.	Assay Per 33 g			
	Content	Claim	Limit	Result
	Protein	25 g	Not less than 90 % of labeled amount i.e. (Not less than 22.5g).	24.71g 98.8%
	Carbohydrate	2.3 g	Not less than 90 % of labeled amount i.e. (Not less than 2.07g).	2.43g 105.6%

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

Signatories	Prepared By:	Checked By:	Approved By:
Name	Jyoti Chaudhary	Geetanjali Parat	Vinod Kumar
Designation/Dept.	sr. official/Q.C	Executive / Q.C	Asst. Manager/Q.C
Signature/Date	 27/01/2022	 27/01/2022	 27/01/2022

