



**Tirupati**  
Wellness

Tirupati Wellness LLP

Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173001. India

**QUALITY CONTROL DEPARTMENT**

**-: Certificate of Analysis:-**

Name of Product	MUSCLE XP WHEY PROTEIN DOUBLE CHOCOLATE (2 KG)	A.R. No.	TWN/FPF0370/18
TDS No.	TWN/QCD/TDF-0039-00	Received Date	08/09/2018
Batch No.	EMB18004	Date of Release	24/09/2018
Mfg. Date	SEP.2018	Batch Size	300 kg
Best Before	18 month	Sampled Qty.	250 gm
Specification No.	TWN/FPS/0021-00	Sampled By	Mr, JASWANT

Sr.No.	Tests	Specifications	Observation
1.	Description	Brown coloured chocolate flavored Powder	Brown coloured chocolate flavored Powder
2.	Identification a) Protein b) Carbohydrate	a) As confirm by Chemically by Titration b) As confirm by UV Spectroscopy	Complies Complies
3.	pH	5.0 to 8.0	6.18
4.	Loss on drying (at 105°C for 3 hrs)	NMT 7.0 % (w/w)	4.37 % w/w
5.	Organoleptic Reconstitution (33g in 200ml water)	Brown Colored Chocolate flavored suspension.	Complies
6.	Bulk Density		
	Untapped	Between 0.25 to 0.45 g/ml	0.41 g/ml
	Tapped (100 tap)	Between 0.30 to 0.50g/ml	0.44 g/ml
7.	Assay		
	Content	Limit	Result
	A) Protein	Not less than 90% of Labeled amount i.e. (Not less than 22.5 g)	97.92% (24.48g)
	B) Carbohydrate	Not less than 90% of Labeled amount i.e. (Not less than 2.07 g)	134.3% (3.09g)
8.	Microbial limit test :		
	Microbiological test	Limit	Observation
	Total Plate count	NMT 10,000 cfu/g	400 cfu/g
	Total fungal count	NMT 1000 cfu/g	<10 cfu/g



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E.coli	Should be absent/g	Absent/g
Salmonella	Should be absent/10g	Absent/10g
Pseudomonas aeruginosa	Should be absent/g	Absent/g
Staphylococcus	Should be absent/g	Absent/g

Remark: The sample ~~complies~~ does not comply with respect to IN-HOUSE specification.

Analysed By: *Pooja*  
Date : *24/09/2018*

Checked By: *Auu*  
Date : *24/09/2018*

Approved By: *Amh*  
Date : *24/09/2018*