

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-

Name of Product	MUSCLE XP RAW WHEY(1KG)	A.R. No.	TWN/FPF0506/18
TDS No.	TWN/QCD/TDF-0077-00	Received Date	24/10/2018
Batch No.	EMB18014	Date of Release	13/11/2018
Mfg. Date	Oct. 2018	Batch Size	1000kg
Best Before	24 month	Sampled Qty.	250 gm
Specification No.	TWN/FPS/0063-00	Sampled By	Mr. Jaswant

Sr.No.	Tests	Specifications	Observation
1.	Description	off white colored powder	off white colored powder
2.	Identification Protein	Confirms by titration as described as per assay method.	Complies
	Carbohydrate	Confirms by UV Spectroscopy as per assay method.	Complies
3.	pH	Between 5.00 to 7.00	6.37
4.	Loss on drying (at 105°C for 3 hrs)	NMT 8.0 % w/w	4.43% w/w
5.	Organoleptic Reconstitution (5g in 250ml drinking water)	off white colored suspension	Complies
6.	Bulk Density		
	Untapped	Between 0.20g/ml to 0.40g/ml	0.29 g/ml
	Tapped (100 tap)	Between 0.40g/ml to 0.60g/ml	0.47 g/ml
7.	Assay		
	Content	Limit	Result
	Protein	Not less than 90% of Labeled amount i.e. (Not less than 21.6 g)	24.60g 102.5%
	Carbohydrate	Not less than 90% of Labeled amount i.e. (Not less than 2.70 g)	3.02 g 100.7%
8.	Microbial limit test :		
	Microbiological test	Limit	Observation
	Total Plate count	NMT 10,000 cfu/g	800 cfu/g
	Total fungal count	NMT 1000 cfu/g	<10 cfu/g



Tirupati
Wellness

Tirupati Wellness LLP

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

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E.coli	Should be absent/g	Absent/g
Salmonella	Should be absent/25g	Absent/25g
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:

Date

[Signature]
13/11/2018

Checked By:

Date

[Signature]
13/11/2018

Approved By:

Date

[Signature]
13/11/2018