

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-

Name of Product	: MUSCLE XP RAW WHEY(1KG)	A.R. No.	: TWN/FPF0586/18
TDS No.	: TWN/QCD/TDF-0077-00	Received Date	: 25/11/2018
Batch No.	: EMB18018	Date of Release	: 06/12/2018
Mfg. Date	: Nov . 2018	Batch Size	: 1200kg
Best Before	: 24 month	Sampled Qty.	: 1 jar
Specification No.	: TWN/FPS/0063-00	Sampled By	: Mr. Ankit

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	6.31
4.	Loss on drying (at 105°C for 3 hrs)	NMT 8.0 % w/w	4.82% 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	0.31 g/ml
	Tapped (100 tap)	Between 0.40g/ml to 0.60g/ml	0.45 g/ml
7.	Assay		
	Content	Limit	Result
	Protein	Not less than 90% of Labeled amount i.e. (Not less than 21.6 g)	24.57g 102.4%
	Carbohydrate	Not less than 90% of Labeled amount i.e. (Not less than 2.70 g)	2.96g 98.7%

8.	Microbial limit test :		
	Microbiological test	Limit	Observation
	Total Plate count	NMT 10,000 cfu/g	500 cfu/g
	Total fungal count	NMT 1000 cfu/g	<10 cfu/g



Tirupati Wellness LLP

Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173 001. 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 :

06/12/2018

Checked By:

Date :

06/12/2018

Approved By:

Date :

06/12/2018