

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-

Name of Product	: MUSCLE XP RAW WHEY(1KG)	A.R. No.	: TWN/FPF0609/18
TDS No.	: TWN/QCD/TDF-0077-00	Received Date	: 03/12/2018
Batch No.	: EMB18019	Date of Release	: 10/12/2018
Mfg. Date	: Dec . 2018	Batch Size	: 1200kg
Best Before	: 24 month	Sampled Qty.	: 1 jar
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	5.97
4.	Loss on drying (at 105°C for 3 hrs)	NMT 8.0 % w/w	4.38% w/w
5.	Organoleptic Reconstitution (30g in 150-200ml chilled 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	0.46 g/ml
7.	Assay		
	Content	Limit	Result
	Protein	Not less than 90% of Labeled amount i.e. (Not less than 21.6 g)	24.18g 100.8%
	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	800 cfu/g
	Total fungal count	NMT 1000 cfu/g	<10 cfu/g
	E.coli	Should be absent/g	Absent/g



Tirupati Wellness LLP

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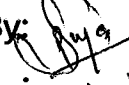
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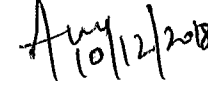
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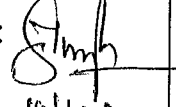
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Salmonella	Should be absent/25g	Absent/25g
Pseudomonas aeruginosa	Should be absent/g	Absent/g
Staphylococcus	Should be absent/g	Absent/g

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

Analysed By: 
Date : 10/12/2018

Checked By: 
Date : 10/12/2018

Approved By: 
Date : 10/12/2018