



QUALITY CONTROL DEPARTMENT

: Certificate of Analysis:-

Name of Product	: MUSCLE XP BCAA Pro ORANGE 400GM	A.R. No.	: TWN/FPF0485/18
TDS No.	: TWN/QCD/TDF-0037-00	Received Date	: 21/10/2018
Batch No.	: EMB18013	Date of Release	: 30/10/2018
Mfg. Date	: Oct.2018	Batch Size	: 400kg
Best Before	: 24 months	Sampled Qty.	: 1Jar
Specification No.	: TWN/FPS/0020-00	Sampled By	: Mr. shiv

Sr.No.	Tests	Specifications	Observation
1.	Description	Off White colored powder with occasional Orange & yellow colored particles	Off White colored powder with occasional Orange & yellow colored particles
2.	Identification For L- valine, L-Isoleucine & L-leucine	In the chromatograms, the retention time of principal peaks of the L-Valine, L-Isoleucine & L-Leucine in the assay preparation should match with Standard preparation as directed in the assay.	Complies
3.	pH	Between 2.50 to 4.50	3.43
4.	Loss on drying (at 105°C for 3 hrs)	NMT 3.0 % w/w	0.85% w/w
5.	Organoleptic Reconstitution (13.3g in 250-300ml chilled water)	Orange colored orange flavored solution	Complies
6.	Bulk Density		
	Untapped	Between 0.40 to 0.60g/ml	0.54 g/ml
	Tapped (100 tap)	Between 0.60 to 0.80g/ml	0.71 g/ml
7.	Microbial limit test :		
	Microbiological test	Limit	Observation
	Total Plate count	NMT 10,000 cfu/g	2000 cfu/g
	Total fungal count	NMT 1000 cfu/g	<10 cfu/g
	E.coli	Should be absent/g	Absent/g
	Salmonella	Should be absent/25g	Absent/25g



Tirupati
Wellness

Tirupati Wellness LLP

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

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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:

Checked By:

Approved By:

Date

AP
30/10/2018

Date

BV
30/10/2018

Date

Shiv
30/10/2018