



Tirupati
Wellness

Tirupati Wellness LLP

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

QUALITY CONTROL DEPARTMENT

-: Certificate of Analysis:-

Name of Product	: MUSCLE XP BCAA ORANGE 400GM	A.R. No.	: TWN/FPF0437/18
TDS No.	: TWN/QCD/TDF-0037-00	Received Date	: 29/09/2018
Batch No.	: EMB18010	Date of Release	: 10/12/2018
Mfg. Date	: Sep.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	White colored orange flavoured powder with occasional yellow colored granules.	White colored orange flavoured powder with occasional yellow colored granules.
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 2.0 to 5.0	3.31
4.	Loss on drying (at 105°C for 3 hrs)	NMT 2.0 % w/w	0.44% w/w
5.	Organoleptic Reconstitution (9g in 250ml drinking water)	Orange colored orange flavoured solution	Complies
6.	Bulk Density		
	Untapped	Between 0.50 to 0.70g/ml	0.62 g/ml
	Tapped (100 tap)	Between 0.55 to 0.75g/ml	0.71 g/ml
7.	Assay		
	Content	Limit	Result



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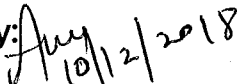
-: Certificate of Analysis:-

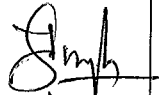
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L- valine	NLT 90% of Labeled amount i.e. (NLT 1.35 g of L-Valine)	112.7% (1.69g)
L-Isoleucine	NLT 90% of Labeled amount i.e. (NLT 1.35 g of L-Isoleucine)	98.7% (1.48g)
L-leucine	NLT 90% of Labeled amount i.e. (NLT 2.70 g of L-Leucine)	106.0% (3.18g)

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