



Tirupati Wellness LLP

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

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis- Finished Good:-

Name of Product	MUSCLE XP BCAA ENERGY ORANGE FLAVOR (400 GM)	A.R. No.	TWN/FPF0995/19
TDS No.	TWN/QCD/TDF-0090-00	Received Date	21/09/2019
Batch No.	EMB19024	Date of Release	05/10/2019
Mfg. Date	Sep. 2019	Batch Size	400 kg
Best Before	24 month from mfg.	Sampled Qty.	2 X 400 gm
Specification No.	TWN/FPS/0093-00	Sampled By	Mr. Anil

Sr.No.	Tests	Specifications	Observation
1.	Description	White colored orange flavored powder & with occasionally yellow granules.	White colored orange flavored powder & with occasionally yellow 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 by HPLC.	Complies
3.	pH (10% solution in water)	Between 3.00 to 5.00	3.76
4.	Loss on drying (at 105°C for 3 hrs)	NMT 3.0 % w/w	0.75 % w/w
5.	Organoleptic Reconstitution (14g in 250-300ml of water)	Orange colored orange flavored suspension.	Orange colored orange flavored suspension.
6.	Bulk Density		
	Untapped	Between 0.45 to 0.65g/ml	0.59 g/ml
	Tapped (100 tap)	Between 0.60 to 0.80g/ml	0.71 g/ml
7.	Assay		
	Content	claim	Limit
	Sodium	78.68 mg	NLT 90% of Labeled amount i.e. NLT 70.812mg

Remark: All test parameter of the sample complies /does not comply as per the specification.

Signature & Date:	Prepared By: Anil 05/10/2019	Checked By: JR 05/10/2019	Approved By: Vijay Kumar 05/10/2019
	Reviewed by: [Signature] 07/10/2019		