



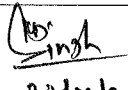
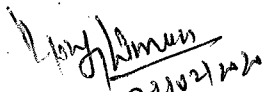
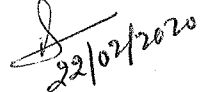
Tirupati Wellness LLP
Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173 001. India

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

Name of Product	: MUSCLE XP BCAA ENERGY ORANGE FLAVOR (400 GM)	A.R. No.	: TWN/FPF1385/19
TDS No.	: NA	Received Date	: 05/12/2019
Batch No.	: EMB19040	Date of Release	: 17/01/2020
Mfg. Date	: Dec. 2019	Batch Size	: 400 Kg
Best Before	: 24 month from mfg.	Sampled Qty.	: 1 Jar
Specification No.	: TWN/FPS/0093-00	Sampled By	: Mr. Ankit

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	4.34	
4.	Loss on drying (at 105°C for 3 hrs)	NMT 3.0 % w/w	1.13 % 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	0.57 g/ml	
	Tapped (100 tap)	Between 0.60 to 0.80g/ml	0.77 g/ml	
7.	Assay			
	Content	claim	Limit	Result
	Sodium	78.68 mg	NLT 90% of Labeled amount i.e. NLT 70.812mg	75.97 mg 96.6 %

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

Signatories	Prepared By:	Checked By:	Approved By:
Signature & Date:	 22/02/2020	 22/02/2020	 22/02/2020

