

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-

Name of Product	MUSCLE XP BCAA ENERGY ORANGE FLAVOR (400 GM)	A.R. No.	TWN/FPF0096/19
TDS No.	TWN/QCD/TDF-0090-00	Received Date	01/02/2019
Batch No.	EMB19003	Date of Release	09/02/2019
Mfg. Date	JAN.2019	Batch Size	800 kg
Best Before	24 month from mfg.	Sampled Qty.	2 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	Between 3.00 to 5.00	3.64
4.	Loss on drying (at 105°C for 3 hrs)	NMT 3.0 % w/w	1.02 % w/w
5.	Organoleptic Reconstitution (14g in 250-300ml drinking water)	Orange colored orange flavored suspension.	Orange colored orange flavored suspension.
6.	Bulk Density		
	Untapped	Between 0.45 to 0.65g/ml	0.60 g/ml
	Tapped (100 tap)	Between 0.60 to 0.80g/ml	0.80 g/ml
7.	Assay		
	Content	claim	Limit



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 ENERGY ORANGE FLAVOR (400 GM)	A.R. No.	TWN/FPF0096/19
TDS No.	TWN/QCD/TDF-0090-00	Received Date	01/02/2019
Batch No.	EMB19003	Date of Release	09/02/2019
Mfg. Date	JAN.2019	Batch Size	800 kg
Best Before	24 month from mfg.	Sampled Qty.	2 JAR
Specification No.	TWN/FPS/0093-00	Sampled By	Mr. ANKIT

Sodium	78.68 mg	NLT 90% of Labeled amount i.e. NLT 70.812mg	78.98 mg 100.3 %
--------	----------	--	---------------------

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	<100cfu/g
	E.coli	Should be absent/g	Absent/g
	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

09/02/2019

Checked By:

Date :


09/02/2019

Approved By: 

Date

: 09/02/2019