



Tirupati
Wellness

Tirupati Wellness Private Limited

Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173025, India.

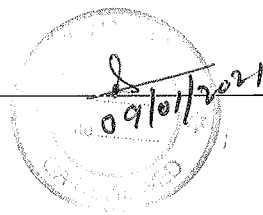
QUALITY CONTROL DEPARTMENT

-: Certificate of Analysis Finished Good: -

Name of Product	: Muscle XP BCAA Pro (Orange Flavour) 400gm	A.R. No.	: TWN/FPF1371/20
Protocol No.	: TWN/QCD/TDF-0076-01	Received Date	: 24/12/2020
Batch No.	: EMB20023	Date of Release	: 09/01/2021
Mfg. Date	: Dec. 2020	Batch Size	: 480 Kg
Best Before	: 24 month from mfg.	Sampled Qty.	: 2 Jar
Specification No.	: TWN/FPS/0062-01	Sampled By	: Mr. Ankit

S.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.	Sensory Requirements:		
a.	Appearance/color/ Aroma/Teste	Orange colored orange flavored solution.	Complies
b.	Sensory score	≥ 80%	100 %
Identification			
3.	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 correspond to that of the Standard preparation.	Complies
	Potassium	Confirmed by AAS Method as described in assay.	Complies
4.	pH (10% solution in water)	Between 2.50 to 4.50	3.56
5.	Loss on drying (at 105°C for 3 hours)	NMT 3.0 %w/w	1.4 %w/w

Signatories	Prepared By:	Checked By:	Approved By:
Name	Krishna Dev Singh	Geetanjali Pawar	Vinod Kumar
Designation/Dept.	Sr. Officer QC	Executive I.C.	Asst. Manager/QCD
Signature/Date	09/01/2021	09/01/2021	09/01/2021





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6.	Organoleptic Reconstitution (13.3g in 250 - 300 ml chilled water)	Orange colored orange flavored solution.	Orange colored orange flavored solution.
7.	Bulk Density		
	Untapped	Between 0.40 to 0.60 g/ml	0.57 g/ml
	Tapped (100 Taps)	Between 0.60 to 0.80g/ml	0.77 g/ml
8.	Assay per 13.3g		
	Content	Claim	Limit
	Potassium	180.0mg	NLT 90% of Labeled amount i.e. NLT 162.0 mg of Potassium.
9.	Microbiological Test		
	Total Bacterial	NMT 10,000 cfu/g	800 cfu/g
	Total fungal Count	NMT 1000 cfu/g	<100 cfu/g
	Pathogens		
	<i>Escherichia coli</i>	Absent/g	Absent/g
	<i>Salmonella spp.</i>	Absent/25g	Absent/25g
	<i>Pseudomonas aeruginosa</i>	Absent/g	Absent/g
	<i>Staphylococcus aureus</i>	Absent/g	Absent/g

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

Signatories	Prepared By:	Checked By:	Approved By:
Name	Arishma Doo Singh	Geetanjali Rawat	Vineet Kumar
Designation/Dept.	Cr. Officer O.C	Executive / O.C	Asst. Manager / O.C
Signature/Date	09/01/2021	09/01/2021	09/01/2021

