



Tirupati
Wellness

Tirupati Wellness Private Limited

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

QUALITY CONTROL DEPARTMENT

-: Certificate of Analysis Finished Good: -

Name of Product	Muscle XP Amino Blend + Energy (Orange Flavor) 400gm	A.R. No.	TWN/FPF0934/21
Protocol No.	TWN/QCD/TDF-0110-00	Received Date	15/06/2021
Batch No.	EMB21005	Date of Release	24/06/2021
Mfg. Date	Jun. 2021	Batch Size	480 Kg
Best Before	18 month from mfg.	Sampled Qty.	01 Jar
Specification No.	TWN/FPS/0096-00	Sampled By	Mr. Ankit

S.No.	Tests	Specifications	Observation
1.	Description	Light brown colored Orange flavored powder & with occasionally yellow granules.	Light brown 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.	Complies
3.	pH (10% solution in water)	Between 3.00 to 5.00	4.28
4.	Loss on drying (At 105°C for 3 hours)	NMT 3.0 %w/w	1.2 %w/w
5.	Organoleptic Reconstitution (8g in 250-300ml of Cold water)	Orange colored orange flavored solution.	Orange colored orange flavored solution.
6.	Bulk Density		
	Untapped	Between 0.45 to 0.65 g/ml	0.50 g/ml
	Tapped (100 Taps)	Between 0.55 to 0.75 g/ml	0.61 g/ml

Signatories	Prepared By:	Checked By:	Approved By:
Name	Bishnu Doo Singh	Vijay Sharma	Vineet Kumar
Designation/Dept.	Sr. Officer QC	Sy. Manager QC	Asst. Manager/QC
Signature/Date	<i>[Signature]</i> 24/06/2021	<i>[Signature]</i> 24/06/2021	<i>[Signature]</i> 24/06/2021





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Assay per 8g				
	Content	Claim	Limit	Result
7.	L-Valine	375mg	NLT 90% of Labeled amount i.e. NLT 337.50mg of L-Valine	548.21mg 146.2%
	L-Isoleucine	375mg	NLT 90% of Labeled amount i.e. NLT 337.50mg of L-Isoleucine	418.38mg 111.6 %
	L-Leucine	750mg	NLT 90% of Labeled amount i.e. NLT 675mg of L-Leucine	1035.53mg 138.1 %

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

Signatories	Prepared By:	Checked By:	Approved By:
Name	Keshava Dev Singh	Vijay Shikhan	Vineet Kumar
Designation/Dept.	Sr. Officer QC	Sr. Manager QC	Asst. Manager/QC
Signature/Date	24/06/2021	24/06/2021	24/06/2021

