



Tirupati
Wellness

Tirupati Wellness Private Limited

Surajpur, Nahar Road, Paonta Sahib, Dist. Simlaur, Himachal Pradesh - 173025, India.

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

Name of Product	: Muscle XP L-Glutamine 250gm	A.R. No.	: TWN/FPF0106/22
TDS No.	: TWN/QCD/TDF-0036-02	Received Date	: 31/01/2022
Batch No.	: EMB22003	Date of Release	: 01/02/2022
Mfg. Date	: Jan. 2022	Batch Size	: 500 Kg
Best Before	: 18 months from mfg.	Sampled Qty.	: 02 Jar
Specification No.	: TWN/FPS/0019-02	Sampled By	: Mr. Abhishek

S.No.	Tests	Specifications	Observation	
1.	Description	White to off white powder	White to off white powder	
2.	Sensory Requirements			
a.	Sensory Score	≥80%	100%	
b.	Appearance/color/Aroma/Taste	Clear odorless solution.	Complies	
3.	Identification*			
	L-Glutamine	Confirm by titration as describe in assay.	Complies	
4.	pH (10 % Solution in water)	Between 3.50 to 5.50	4.33	
5.	Loss On Drying (At 105°C for 3 hrs.)	NMT 2.0 % w/w	0.4 %w/w	
6.	Organoleptic Reconstitution (5g in 250 ml of drinking water)	Clear odorless solution.	Clear odorless solution.	
7.	Density			
	Untapped	Between 0.50 to 0.70g/ml	0.53 g/ml	
	Tapped	Between 0.70 to 0.90g/ml	0.71 g/ml	
8.	*Assay each 5g contains			
	Content	Claim	Limit	Result
	L-Glutamine	5 g	Not Less Than 90.0% of labeled amount i.e. (Not Less Than L-Glutamine 4.5 g)	4.98 g 99.5 %

Note: *All Test Parameter Result Transcribe from RM COA A. R. No- TWN/RM1554/21

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

Signatories	Prepared By:	Checked By:	Approved By:
Name	Greetanjali Rawat	Vijay Sharma	Vineet Kumar
Designation/Dept.	Executive I/O	Dr. Manoj De	Asst. Manager/O
Signature/Date	 01/02/2022	 01/02/2022	 01/02/2022

