



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	: MUSCLES XP CREATINE MONOHYDRATE (250gm)	A.R. No.	: TWN/FPF0578/18
TDS No.	: TWN/QCD/TDF-0086-00	Received Date	: 22/11/2018
Batch No.	: EMB18017	Date of Release	: 03/12/2018
Mfg. Date	: Nov .2018	Batch Size	: 275kg
Best Before	: 30 months	Sampled Qty.	: 1 jar
Specification No.	: TWN/FPS/0072-00	Sampled By	: Mr, Jaswant

Sr.No.	Tests	Specifications	Observation
1.	Description	White odorless powder	White odorless powder
2.	Identification Creatine Monohydrate	Confirms Chemically by Titration as Described in Assay.	Complies
3.	pH	Between 5.50 to 8.50	7.29
4.	Loss on drying (at 105°C for 3 hrs)	NMT 14.0 % (w/w)	10.58% w/w
5.	Organoleptic Reconstitution (3g in 300ml cold water)	White odorless suspension.	Complies
6.	Bulk Density		
	Untapped	Between 0.30 to 0.50 g/ml	0.44 g/ml
	Tapped (100 tap)	Between 0.65 to 0.85g/ ml	0.69 g/ml
7.	Assay		
	Content	Limit	Result
	Creatine Monohydrate	3.0 g NLT 90% of Labeled amount (i.e. NLT 2.70 g) of Creatine Monohydrate	102.0% (3.06g)

8.	Microbial limit test :		
	Microbiological test	Limit	Observation
	Total Plate count	NMT 10,000 cfu/g	300cfu/g
	Total fungal count	NMT 1000 cfu/g	<10cfu/g
	E.coli	Should be absent/g	Absent/g
	Salmonella	Should be absent/25g	Absent/25g



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Pseudomonas aeruginosa	Should be absent/g	Absent/25g
Staphylococcus	Should be absent/g	Absent/25g

Remark: The sample ~~complies~~ /does not comply with respect to IN-HOUSE specification.

Analysed By: 

Date :

03/12/2018

Checked By: 

Date :

03/12/2018

Approved By: 

Date :

03/12/2018