

**QUALITY CONTROL DEPARTMENT**
**-: Certificate of Analysis:-**

Name of Product	MUSCLES XP CREATINE MONOHYDRATE	A.R. No.	TWN/FPF0541/18
TDS No.	TWN/QCD/TDF-0086-00	Received Date	04/11/2018
Batch No.	EMB18015	Date of Release	21/11/2018
Mfg. Date	Nov .2018	Batch Size	500 kg
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	7.35
4.	Loss on drying (at 105°C for 3 hrs)	NMT 14.0 % (w/w)	10.24% w/w
5.	Organoleptic Reconstitution (33g in 200ml water)	Brown Colored Chocolate flavored 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	0.76 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	103.0% (3.09g)

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	<10 cfu/g
	E.coli	Should be absent/g	Absent/g
	Salmonella	Should be absent/25g	Absent/25g



**Tirupati**  
Wellness

Tirupati Wellness LLP

Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour, Himachal Pradesh - 173 001, India

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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 :

*Buy*  
21/11/2018

Checked By:

Date :

*Buy*  
21/11/2018

Approved By:

Date :

*Buy*  
21/11/2018