



VITAL NEUTRACEUTICALS PVT LTD
Ambernath

CERTIFICATE OF ANALYSIS

PRODUCT:	SCITRON CREATINE MONOHYDRATE	FLAVOUR:	UNFLAVOURED
BATCH NO:	SCUF-21021	BATCH SIZE:	153 kg
MFG. DATE:	13/02/2021	BEST BEFORE:	18 months from the date of manufacture.
SAMPLE QTY:	100 g	SAMPLED BY/ON:	AGB/CSN/14/02/2021
DATE OF ANALYSIS:	14/02/2021	REPORT NO:SCUF-21021	

Sr. No	TEST APPLIED	RESULTS	SPECIFICATIONS	TEST METHODS
PHYSICAL TESTS				
1.	Description	COMPLIES	White crystalline powder	
2.	Taste	COMPLIES	Characteristic note of Creatine	
3.	Odour	COMPLIES	Characteristic Odour of Creatine	
CHEMICAL TESTS				
4.	Moisture (LOD)	10.0 %	NMT 12.0 % w/w	As per IS 4684-Appendix -B
5.	pH on reconstitution (10% w/v dispersion on water)	5.2	5.0 to 7.0	PH Meter.
6.	Bulk Density			IN HOUSE METHOD
	i) Untapped Density	0.43 g/ml	0.30 g/ml to 0.50 g/ml	
	ii) Tapped Density	0.54 g/ml	0.50 g/ml to 0.70 g/ml	
7.	Ash	0.01 %	NMT 0.02 %	As per IS 4684-Appendix-D
8.	Creatine Monohydrate	Complies as per the actual input	3.0 g per serving	





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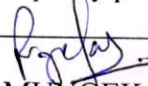

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MICROBIOLOGICAL TESTS				
9	Total Plate count	2.5 X 10 ¹ cfu/g	NMT 40,000 cfu/g	FSSAI MANUAL
10.	Yeast Mould Count	<10 cfu/g	NMT 100 cfu/g	FSSAI MANUAL
11.	E.coli	Absent/ 1 g	Absent/ 1 g	FSSAI MANUAL
12.	Salmonella	Absent/ 1 g	Absent/ 1 g	FSSAI MANUAL
13.	S.aureus	Absent/ 1 g	Absent/ 1 g	FSSAI MANUAL

RESULT: The sample complies / ~~does not~~ comply with the standards quality prescribed in.

DATE OF RELEASE /REJECTION 19/02/2021	 A. BHISE/ C. NEVE	 R. MUNGEKAR	 B. ACHARYA
	ANALYST	Q.C. INCHARGE	Q.A. MANAGER

