



VITAL NEUTRACEUTICALS PVT LTD
Ambernath

CERTIFICATE OF ANALYSIS

PRODUCT:	SCITRON ADVANCED BCAA		FLAVOUR:	WATERMELON
BATCH NO:	SABCW-21051	BATCH SIZE:	200 kg	
MFG. DATE:	17/05/2021	BEST BEFORE:	18 months from the date of manufacture.	
SAMPLE QTY:	100 g	SAMPLED BY/ON:	AGB/CSN/18/05/2021	
DATE OF ANALYSIS:	19/05/2021	REPORT NO:	SABCW-21051	

Sr. No	TEST APPLIED	RESULTS	SPECIFICATIONS	TEST METHODS
PHYSICAL TESTS				
1.	Description	COMPLIES	Pinkish white Coloured Free Flowing Powder.	
2.	Taste	COMPLIES	Characteristic note of watermelon	
3.	Odour	COMPLIES	Characteristic Odour of watermelon	
CHEMICAL TESTS				
4.	Moisture (LOD)	1.0 %	NMT 5.0 % w/w	As per IS 4684-Appendix -B
5.	pH on reconstitution (10% w/v dispersion on water)	4.03	3.0 to 5.0	PH Meter.
6.	Bulk Density			
	i) Untapped Density	0.50 g/ml	0.40 g/ml to 0.60 g/ml	
	ii) Tapped Density	0.60 g/ml	0.50 g/ml to 0.70 g/ml	
7.	Ash	2.5 %	NMT 3.5 % w/w	As per IS 4684-Appendix-D
8.	Potassium	Complies as per the actual input	199.0 mg in 12 g of serving	KJELDAHL METHOD
BRANCHED CHAIN AMINO ACIDS				
9.	L-Leucine	Complies as per the actual input	3.5 g in 12 g of serving	IN HOUSE METHOD





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10.	L-Isoleucine	Complies as per the actual input	1.75 g in 12 g of serving	
11.	L-Valine	Complies as per the actual input	1.75 g in 12 g of serving	
12.	L-Glutamine	Complies as per the actual input	2.5 g in 12 g of serving	
13.	L-Citrulline	Complies as per the actual input	0.5 g in 12 g of serving	
14.	L-Electrolyte blend (Trisodium Citrate and Potassium Chloride)	Complies as per the actual input	0.8 g in 12 g of serving	
MICROBIOLOGICAL TESTS				
15.	Total Plate count	1.48 x 10 ² cfu/g	NMT 40,000 cfu/g	FSSAI MANUAL
16.	Yeast Mould Count	< 10 cfu/g	NMT 100 cfu/g	FSSAI MANUAL
17.	<i>E.coli</i>	Absent/ 1 g	Absent/ 1 g	FSSAI MANUAL
18.	<i>Salmonella</i>	Absent/ 1 g	Absent/ 1 g	FSSAI MANUAL
19.	<i>S.aureus</i>	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 24/05/2021	<i>Chaitale</i> A.BHISE/ C.NEVE	<i>Ravi, Amith</i> R.MUNGEKAR	<i>B.A</i> B.ACHARYA
	ANALYST	Q.C. INCHARGE	Q.A. MANAGER

