



**VITAL NEUTRACEUTICALS PVT LTD**  
**Ambernath**

**CERTIFICATE OF ANALYSIS**

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

Sr. No	TEST APPLIED	RESULTS	SPECIFICATIONS	TEST METHODS
<b>PHYSICAL TESTS</b>				
1.	Description	COMPLIES	White Coloured Free Flowing Powder.	
2.	Taste	COMPLIES	Characteristic note of Mango	
3.	Odour	COMPLIES	Characteristic Odour of Mango	
<b>CHEMICAL TESTS</b>				
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)	3.81	3.0 to 5.0	<b>PH Meter.</b>
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	<b>KJELDAHL METHOD</b>
<b>BRANCHED CHAIN AMINO ACIDS</b>				
9.	L-Leucine	Complies as per the actual input	3.5 g in 12 g of serving	<b>IN HOUSE METHOD</b>





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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.	<b>L-Electrolyte blend (Trisodium Citrate and Potassium Chloride)</b>	Complies as per the actual input	0.8 g in 12 g of serving	
<b>MICROBIOLOGICAL TESTS</b>				
15.	Total Plate count	$1.55 \times 10^2$ 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>Pratik</i> A.BHISE/ C.NEVE ANALYST	<i>For</i> R.MUNGEKAR Q.C. INCHARGE	<i>Pratik</i> B.ACHARYA Q.A. MANAGER
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