

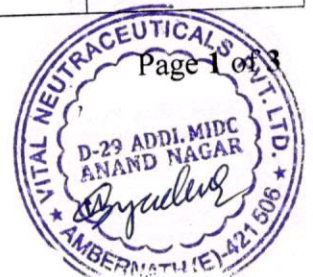


**VITAL NEUTRACEUTICALS PVT LTD**  
Ambernath

**CERTIFICATE OF ANALYSIS**

PRODUCT:	3 2 GO! LAVA PRE-WORKOUT		FLAVOUR: PINK LEMONADE
BATCH NO:	BLPL-23091	BATCH SIZE:	210.0 kg
MFG. DATE:	21/09/2023	BEST BEFORE:	SEPT-25
SAMPLE QTY:	100 g	SAMPLED BY/ON:	SMM/SJC/21/09/2023
DATE OF ANALYSIS:	21/09/2023	REPORT NO:	BLPL-23091

Sr. No	TEST APPLIED	RESULTS	SPECIFICATIONS	TEST METHODS
<b>PHYSICAL TESTS</b>				
1.	Description	COMPLIES	Light Pink coloured Free Flowing Powder With Tiny White Particle	
2.	Taste	COMPLIES	Characteristic note of Pink Lemonade	
3.	Odour	COMPLIES	Characteristic Odour of Pink Lemonade	
<b>CHEMICAL TESTS</b>				
4.	Moisture (LOD)	3.6 %	NMT 5.0 % w/w	As per IS 4684-Appendix -B
5.	pH on reconstitution (10% w/v dispersion on water)	4.5	4.0 to 6.0	PH Meter.
6.	Ash	6.3	NMT 7.0 % w/w	
7.	Bulk Density			IN HOUSE METHOD
	i) Untapped Density	0.69 g/ml	0.60 g/ml to 0.80 g/ml	
	ii) Tapped Density	0.75 g/ml	0.70 g/ml to 0.90 g/ml	
8.	Beta Alanine	Complies as per the actual input	28.57 g per 100 g	





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9.	Arginine	Complies as per the actual input	21.43 g per 100 g	
10.	L-Citrulline Malate	Complies as per the actual input	14.28 g per 100 g	
11.	Ashwagandha Extract	Complies as per the actual input	3.57 g per 100 g	
12.	Caffeine	Complies as per the actual input	2.14 g per 100 g	
13.	D-Aspartic Acid	Complies as per the actual input	714.28 mg per 100 g	
14.	L-Taurine	Complies as per the actual input	714.28 mg per 100 g	
<b>MICROBIOLOGICAL TESTS</b>				
15.	Total Plate count	< 10 cfu/g	NMT 1 x 10 <sup>6</sup> cfu/g	FSSAI MANUAL
16.	Yeast mould count	< 10 cfu/g	NMT 1 x 10 <sup>4</sup> cfu/g	FSSAI MANUAL
17.	<i>E.coli</i>	Absent	Absent/ 1 g	FSSAI MANUAL
18.	<i>Salmonella</i>	Absent	Absent/ 1 g	FSSAI MANUAL
19.	<i>S.aureus</i>	Absent	Absent/ 1 g	FSSAI MANUAL

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

DATE OF RELEASE /REJECTION  26/09/2023	<i>S.mulla</i> S.MULLA/ S.CHAUHAN. ANALYST	<i>S.Yadav</i> S.YADAV Q.C. MANAGER	<i>B.Acharya</i> B.ACHARYA Q.A. MANAGER
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