

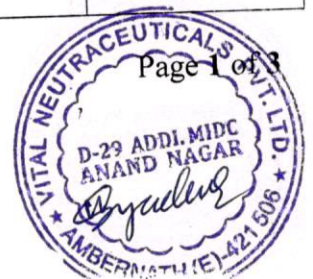


VITAL NEUTRACEUTICALS PVT LTD
Ambernath

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 |
|-----------------------|--|----------------------------------|--|----------------------------|
| PHYSICAL TESTS | | | | |
| 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 | |
| CHEMICAL TESTS | | | | |
| 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 | |
| MICROBIOLOGICAL TESTS | | | | |
| 15. | Total Plate count | < 10 cfu/g | NMT 1 x 10 ⁶ cfu/g | FSSAI MANUAL |
| 16. | Yeast mould count | < 10 cfu/g | NMT 1 x 10 ⁴ 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 |
|--|---|---|--|

