



VITAL NEUTRACEUTICALS PVT LTD
Ambarnath

CERTIFICATE OF ANALYSIS

| | | | |
|-------------------|---------------------------------|----------------|---|
| PRODUCT: | SCITRON MEGA MASS GAINER | | FLAVOUR: MANGO |
| BATCH NO: | SMMGM-21091 | BATCH SIZE: | 1050 kg |
| MFG. DATE: | 28/09/2021 | BEST BEFORE: | 24 Months from the date of manufacturing |
| SAMPLE QTY: | 100 g | SAMPLED BY/ON: | AGB/CSN/29/09/2021 |
| DATE OF ANALYSIS: | 30/09/2021 | REPORT NO: | SMMGM-21091 |

| Sr. No | TEST APPLIED | RESULTS | SPECIFICATIONS | TEST METHODS |
|-----------------------|--|-----------|--|----------------------------|
| PHYSICAL TESTS | | | | |
| 1. | Description | COMPLIES | Light Yellow Coloured Free Flowing Powder. | |
| 2. | Taste | COMPLIES | Characteristic note of Mango | |
| 3. | Odour | COMPLIES | Characteristic Odour of Mango | |
| CHEMICAL TESTS | | | | |
| 4. | Moisture (LOD) | 4.0 % | NMT 6.0 % w/w | As per IS 4684-Appendix -B |
| 5. | pH on reconstitution (10% w/v dispersion on water) | 7.6 | 6.0 to 8.0 | PH Meter. |
| 6. | Bulk Density | | | |
| | i) Untapped Density | 0.44 g/ml | 0.30 g/ml to 0.50 g/ml | |
| | ii) Tapped Density | 0.51 g/ml | 0.40 g/ml to 0.60 g/ml | |
| 7. | Ash | 1.5 % | NMT 3.5 % w/w | As per IS 4684-Appendix-D |
| 8. | Protein | 15.8 % | NLT 15.0 % | |
| 9. | Fat | 0.56 % | NLT 0.5 % | |
| 10. | Carbohydrate | 78.14 % | NLT 75.0 % | |





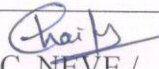
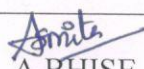
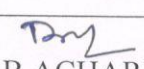
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| MICROBIOLOGICAL TESTS | | | | |
|-----------------------|---------------------|-------------|------------------|--------------|
| 11. | Total Plate count | < 10 cfu/g | NMT 40,000 cfu/g | FSSAI MANUAL |
| 12. | Yeast & Mould count | < 10 cfu/g | NMT 100 cfu/g | FSSAI MANUAL |
| 13. | <i>E.coli</i> | Absent/ 1 g | Absent/ 1 g | FSSAI MANUAL |
| 14. | <i>Salmonella</i> | Absent/ 1 g | Absent/ 1 g | FSSAI MANUAL |
| 15. | <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 05/10/2021 |  C. NEVE / S.PAGARE |  A.BHISE |  B.ACHARYA |
| | ANALYST | Q.C. ASSISTANT | Q.A. MANAGER |

