



VITAL NEUTRACEUTICALS PVT LTD
Ambernath

CERTIFICATE OF ANALYSIS

| | | | |
|-------------------|---|----------------|--|
| PRODUCT: | SCITRON 100% ORGANIC PEA PROTEIN | | FLAVOUR: UNFLAVOURED |
| BATCH NO: | SOPPUF-21061 | BATCH SIZE: | 660 kg |
| MFG. DATE: | 21/06/2021 | BEST BEFORE: | 24 months from the date of manufacture. |
| SAMPLE QTY: | 100 g | SAMPLED BY/ON: | AGB/CSN/22/06/2021 |
| DATE OF ANALYSIS: | 23/06/2021 | REPORT NO: | SOPPUF-21061 |

| Sr. No | TEST APPLIED | RESULTS | SPECIFICATIONS | TEST METHODS |
|-----------------------|--|-----------|-------------------------------------|----------------------------|
| PHYSICAL TESTS | | | | |
| 1. | Description | COMPLIES | Cream Coloured Powder. | |
| 2. | Taste | COMPLIES | Characteristic note of pea protein | |
| 3. | Odour | COMPLIES | Characteristic Odour of pea protein | |
| CHEMICAL TESTS | | | | |
| 4. | Moisture (LOD) | 5.0 % | NMT 7.0 % w/w | As per IS 4684-Appendix -B |
| 5. | pH on reconstitution (10% w/v dispersion on water) | 6.8 | 6.0 to 8.0 | PH Meter. |
| 6. | Bulk Density | | | IN HOUSE METHOD |
| | i) Untapped Density | 0.40 g/ml | 0.30 g/ml to 0.50 g/ml | |
| | ii) Tapped Density | 0.59 g/ml | 0.40 g/ml to 0.60 g/ml | |
| 7. | Ash | 3.02 % | NMT 5.0 % w/w | As per IS 4684-Appendix-D |
| 8. | Protein | 83.8 % | NLT 83.0 % | KJELDAHL METHOD |
| 9. | Fat | 3.2 % | NLT 3.0 % | IN HOUSE METHOD |
| 10. | Carbohydrate | 4.98 % | NLT 2.0 % | IN HOUSE METHOD |





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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. | E.coli | Absent/ 1 g | Absent/ 1 g | FSSAI MANUAL |
| 14. | Salmonella | Absent/ 1 g | Absent/ 1 g | FSSAI MANUAL |
| 15. | S.aureus | 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 28/06/2021 | <i>A. Bhise</i> A. BHISE/ C. NEVE | <i>R. Mungekar</i> R. MUNGEKAR | <i>B. Acharya</i> B. ACHARYA |
| | ANALYST | Q.C. INCHARGE | Q.A. MANAGER |

