

TECHNICAL DATA SHEET

GENERAL INFORMATION

| | |
|---------------------------------|----------------------------|
| PRODUCT NAME | Ginger Root Extract |
| LATIN NAME | <i>Zingiber officinale</i> |
| USED PART | Root |
| COUNTRY/REGION ORIGIN OF PLANT | China |
| NAME PRODUCER | Apex Biotech Ltd |
| COUNTRY PRODUCER | China |
| CARRIER | Betacyclodextrin |
| SPECIFICATION | Gingerols 5% |
| PRESERVANT/ANTIOXIDANT PRESENCE | No added |

SPECIFICATION DATA

| ITEMS OF INSPECTION | SPECIFICATION | TEST METHOD |
|-----------------------|--------------------------|-------------|
| Appearance | Yellow Brown Fine Powder | Visual |
| Odor | Characteristic | Olfaction |
| Assay (HPLC) | Gingerols \geq 5.0% | HPLC |
| Sieve analysis | NLT 95% pass 80 mesh | Screen |
| Loss on Drying | \leq 5.0% | ChP2015 |
| Heavy Metal | <10ppm | ChP2015 |
| Pb | <3.0ppm | ChP2015 |
| Cd | <1.0ppm | ChP2015 |
| As | <2.0ppm | ChP2015 |
| Hg | <0.1ppm | ChP2015 |
| Residual Solvents | Eur. Pharm. | GC |
| MICROBIOLOGY | | |
| AEROBIC BACTERIA | <5000cfu/g | ChP2015 |
| YEASTS/MOULDS | <100cfu/g | ChP2015 |
| SALMONELLA | <100cfu/g | ChP2015 |
| ESCHERICHIA COLI | Negative/g | ChP2015 |
| STAPHYLOCOCCUS AUREUS | Negative/10g | ChP2015 |

OTHER INFORMATION

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|------------|---|
| SHELF LIFE | 2 years |
| STORAGE | Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation. |