

| PRODUCT SPECIFICATION | | | |
|--|----------------------------|---------------------------|---------------|
| INCI/Botanical Name | ZINGIBER OFFICINALE | Date of Expiry | 02 Years |
| Product Name | Ginger Oleoresin | Extraction Solvent | --- |
| Report No | ZO/EF/23081745/23 | Extraction Ratio | --- |
| Parts of Plant | Rhizome | Origin | India |
| Cas No | 8002-60-6 | HSN Code | 33019012 |
| TEST | | SPECIFICATION | METHOD |
| A. Physical Parameters: | | | |
| Appearance | Clear viscous liquid | | Visual |
| Color | Dark brown | | Visual |
| Odour | Characteristic | | Organoleptic |
| Taste | Pungent | | Organoleptic |
| Loss on Drying (At 105⁰C) | Nil | | ASTA 2.0 |
| B. Active Ingredients: | | | |
| Volatile Oil | NLT 30.0% | | HPLC |
| C. Heavy Metals: | | | |
| Lead (PB) | NMT 0.05 mg/kg | | AOAC |
| Arsenic (AS) | NMT 0.05 mg/kg | | AOAC |
| Cadmium (CD) | NMT 0.02 mg/kg | | AOAC |
| Mercury (HG) | NMT 0.01 mg/kg | | AOAC |
| C. Residual Solvent | | | |
| Residual Solvent | NMT 20.0 ppm | | FCC |
| D. Microbiological Test: | | | |
| Total Plate Count | NMT 1000 cfu/g | | FDA BAM |
| Total Yeast & Mold Count | NMT 100 cfu/g | | FDA BAM |
| Escherichia coli | Absent | | FDA BAM |
| Salmonella | Absent / 25g | | FDA BAM |
| Staphylococcus aureus | Absent | | FDA BAM |
| Pseudomonas aeruginosa | Absent | | FDA BAM |
| E. Mycotoxin: | | | |
| Aflatoxins (B1+B2+G1+G2) | NMT 5.0 µg/kg | | ASTA 24.2 |
| Pesticides | Conforms | | USP 561 |
| F. Other: | | | |
| Standard Packing: 1 Ltr. - 25 Ltrs. in single Aluminum / HDPE container. | | | |
| The above material complies with in-house specifications. | | | |
| Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C. | | | |
| The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material. | | | |

Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.

