

| PRODUCT SPECIFICATION | | | |
|--|------------------------|---------------------------|----------|
| INCI/Botanical Name | <i>CAPSICUM ANNUUM</i> | Date of Expiry | 03 Years |
| Product Name | Capsicum Extract | Extraction Solvent | --- |
| Report No | CN/ANH/CA001A /23 | Extraction Ratio | --- |
| Parts of Plant | Fruit | Origin | India |
| Cas No | 84625-29-6 | HSN Code | 13021919 |
| TEST | | SPECIFICATION | |
| A. Physical Parameters: | | | |
| Appearance | Fine powder | Visual | |
| Color | Brown color | Visual | |
| Odour | Characteristic | Organoleptic | |
| Taste | Characteristic | Organoleptic | |
| Loss on Drying (105⁰C) | NMT 5.0% w/w | USP 731 | |
| pH | Between 4.0 to 7.0 | USP 791 | |
| Ash Content | NMT 15.0% w/w | USP 281 | |
| Solubility | | | |
| Water Soluble Extractive | NLT 70.0% w/v | USP 1236 | |
| Alcohol Soluble Extractive 50% (w/v) | NLT 50.0% w/v | USP 1236 | |
| B. Active Ingredients: | | | |
| Capsaicin (Capsaicinoids) | NLT 1.0% w/w | HPLC | |
| C. Heavy Metals: | | | |
| Arsenic (AS) | NMT 1.0 ppm | USP 231 | |
| Lead (PB) | NMT 10 ppm | USP 231 | |
| Cadmium (CD) | NMT 0.3 ppm | USP 231 | |
| Mercury (HG) | NMT 1.0 ppm | USP 231 | |
| D. Microbiological Test: | | | |
| Total Plate Count | NMT 1000 cfu/g | USP 61 | |
| Total Yeast & Mold Count | NMT 100 cfu/g | USP 61 | |
| Escherichia coli | Absent | USP 61 | |
| Salmonella | Absent | USP 61 | |
| Total Coliforms | Absent | USP 61 | |
| E. Mycotoxin: | | | |
| Aflatoxin (B1+B2+G1+G2) | --- | USP 561 | |
| Residual Pesticides | --- | USP 561 | |
| F. Other: | | | |
| Standard Packing: 25 Kg in single HDPE Container. | | | |
| The material is free from Allergens / GMO/ BSE - TSE. | | | |
| The material is not tested on animals. | | | |
| The material is non-irradiated & not treated with ETO. | | | |
| 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.

