

PRODUCT SPECIFICATION

| INCI/Botanical Name | <i>BACOPA MONNIERI</i> | Date of Expiry | 03 Years |
|---|-------------------------|--------------------|-----------------|
| Product Name | Brahmi Extract | Extraction Solvent | Hydro Alcoholic |
| Report No | BM/HFP/13323/23 | Extraction Ratio | 50:1 |
| Parts of Plant | Whole plant | Origin | India |
| Cas No | 93164-89-7 | HSN Code | 13021919 |
| TEST | SPECIFICATION | METHOD | |
| A. Physical Parameters: | | | |
| Appearance | Free flowing powder | Visual | |
| Color | Greenish yellow color | Visual | |
| Odour | Characteristic | Characteristic | |
| Taste | Characteristic | Characteristic | |
| Identification | Positive by TLC | TLC | |
| Loss on Drying (At 105°C) | NMT 6.0% w/w | USP 731 | |
| Total Ash | NMT 20% w/w | USP 281 | |
| Particle Size (40 mesh) | NLT 95% w/w | USP 786 | |
| pH (1% Aqu. Sol ⁿ) | Between 4 to 7 | USP 791 | |
| Solubility | NLT 90% w/v | USP 1236 | |
| B. Active Ingredients: | | | |
| Bacosides | NLT 50% w/w | HPLC | |
| C. Heavy Metals: | | | |
| Lead (PB) | NMT 3.0 ppm | USP 231 | |
| Arsenic (AS) | NMT 1.0 ppm | USP 231 | |
| Cadmium (CD) | NMT 1.0 ppm | USP 231 | |
| Mercury (HG) | NMT 0.5 ppm | USP 231 | |
| D. Residual Solvent: | | | |
| Residual Solvent | To comply with USP Std. | USP 467 | |
| E. Microbiological Test: | | | |
| Total Plate Count | NMT 1000 cfu/gm | USP 61 | |
| Total Yeast & Mold Count | NMT 100 cfu/gm | USP 61 | |
| Escherichia coli | Negative | USP 61 | |
| Pseudomonas Aeruginosa | Negative | USP 61 | |
| Salmonella Spp | Negative | USP 61 | |
| Staphylococcus | Negative | USP 61 | |
| F. Contaminates: | | | |
| Aflatoxin (B1+B2+G1+G2) | NMT- 20 ppb | USP 561 | |
| Pesticides Residue | Organic requirement | USP 561 | |
| G. 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 Br Minor Color Different of the Geographical and Seasonal Variation of the Plant Material. | | | |

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