

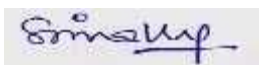
Technical Specification

| | |
|--------------------|---------------------|
| Product: | Amla extract -50% |
| Plant Part Used: | Fruit |
| Botanical Name: | Emblica Officinalis |
| Country of origin: | INDIA |
| Shelf life: | 36 Months |
| Standard Packing: | 25 kg |

| Test | Specification | Test method |
|--|---|---|
| Description /Appearance | A dark brown to brown colour hygroscopic powder | Organoleptic |
| Taste & Odour | Characteristic and sour in taste | Organoleptic |
| Loss on Drying | NMT 5.0% w/w | USP <731> |
| Particle size | NLT 90% w/w through 40 Mesh | USP <786> |
| Assay Tannins content By Titrimetry Gallic acid BY HPLC Natural ascorbic acid | NLT 50% w/w NLT 10% w/w NLT 3% w/w | IHTM |
| Heavy metals Lead Arsenic Cadmium Mercury | NMT 20 ppm NMT 4 ppm NMT 2 ppm NMT 2 ppm NMT 2 ppm | USP<231> |
| Microbiology Tests Total Aerobic Microbial Count Yeast & Mould Coli forms Salmonella Escherichia coli Staphylococcus aureus | NMT 5000 cfu/gm NMT 100 cfu/gm Absent in 10 gram Absent in 10 gram Absent in 10 gram Absent in 10 gram | USP<2021> USP<2021> IS 5401-2:2012 USP<2022> USP<2022> USP<2022> |

Prepared by

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