



**HERBOCHEM**  
(Since 1973)

## Technical Specification

Product:	Moringa Extract- 30%
Botanical Name	Moringa olifera
Specification Number:	HC/ FP/ SPEC /147
Country of origin	India
Shelf life:	24 Months
Standard Packing:	25 kg in blue HDPE Carbuoys with inner LDPE bags

TEST	SPECIFICATION	TESTMETHOD
Description /Appearance	Greenish Brown to Brown color hygroscopic powder peculiar in taste with Characteristic Odour	Organoleptic
Loss on Drying	NMT 5.0% w/w	USP 37<731>
Solubility	Soluble in water	IH- TM-001
pH 1% solution	5-7	IH-TM-005
Particle size	100%pass through 40# mesh	USP 37<786>
<b>Standardized Assay</b> Saponins by Gravimetry Glycosides by Gravimetry Flavanoids By Gravimetry Protein Content	NLT 25.0% w/w NLT 25.0% w/w NLT 2.5% w/w NLT30.0% w/w	IH -TM IH-TM IH TM IH-TM
<b>Total Heavy metals</b> A) Lead B) Arsenic C) Mercury D) Cadmium	NMT 20 ppm NMT 2.0 ppm NMT 1.0 ppm NMT 0.5 ppm NMT 0.5 ppm	USP<231> ICP-OES ICP-OES ICP-OES ICP-OES
<b>Microbiology Tests</b> a) Total Aerobic Microbial Count b) Yeast & Mould c) E.coli d) Salmonella e) Staphylococcus aureus f) Pseudomonas aeruginosa g) Coliform Count	NMT 10000 cfu/gm NMT 200 cfu/gm Absent in 10 gram Absent in 10 gram Absent in 10 gram Absent in 10 gram Absent in 10 gram	USP<2021> USP<2021> USP<2022> USP<2022> USP<2022> USP<2022> USP<62> IS 5401-2:2012
Pesticide residual	Meets USP Guidelines	USP<561>

*prepared by*

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