

SPECIFICATION

Product Name: Moringa Dry Extract 5:1
Chemical Formula: N/A
CAS Number: 93165-54-9
Molecular Weight: N/A
Appearance: Yellowish or Light brown to Brown Colored Powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
pH of w/v aq. Solution	-	5.22	4 - 7
Loss on drying	%	3.21 %w/w	NMT 7 % w/w
Extraction Value of 1 % Solution	%	81.62 % w/w	NLT 80 % w/w
Particle size	-	Complies	NLT 90% pass through 60-80 mesh
Assay (On dried basis) content	%	5.25 % w/w	NLT 5 % w/w

Microbiological Tests

Total Aerobic Bacteria	cfu/gm	Complies	NMT 1000 cfu/gm
Yeast and Molds	cfu/gm	Complies	NMT 100 cfu/g
Escherichia coli	-	Absent	Absent
Salmonella	-	Absent	Absent
Staphylococcus aureus	-	Absent	Absent
Pseudomonas aeruginosa	-	Absent	Absent

Physical Properties

- Solubility: Partially soluble in water. Partially soluble in ethanol. Soluble in methanol. Insoluble in acetone. Insoluble in ether.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, humidity, heat, and direct sunlight.

Applications

- Use: Widely used in nutraceutical, dietary supplement, herbal, functional food, and wellness formulations. It is valued for its naturally occurring vitamins, minerals, amino acids, polyphenols, and antioxidant compounds.
- Dosage: Depends on Extract concentration and standardization, Intended application, Product formulation, Target consumer population, Regulatory requirements.

Packaging

- Standard Packing: 25 kg woven PP bags with inner liner and 1 kgs or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.