

SPECIFICATION

Product Name: Moringa Leaf Extract Powder 4:1
Chemical Formula: N/A
CAS Number: N/A
Molecular Weight: N/A
Appearance: Yellowish or light brown to brown coloured powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
pH of w/v aq. Solution	-	5.09	4 – 7
Loss on drying	%	3.35%	NMT 7%
Extraction value of 1% solution in methanol	%	84.55%	NLT 80%
Particle size	-	Complies	NLT 90% pass through 80 mesh
Ash content	-	4:1	-
Assay (on dried basis) gingerols content	-	Positive	Should be present
Microbiological Test			
Total Aerobic Bacteria	cfu/gm	Complies	NMT 1000 cfu/gm
Yeast & Molds	cfu/gm	Complies	NMT 100 cfu/gm
E. coli	-	Absent	Absent
Salmonella	-	Absent	Absent
Staphylococcus aureus	-	Absent	Absent
Pseudomonas aeruginosa	-	Absent	Absent

Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Insoluble in acetone. Insoluble in oils.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry place away from direct sunlight, heat, and moisture. Keep the container tightly closed in the original packaging. Store in a well-ventilated area at 15–25°C to maintain product quality and stability.

Applications

- Use: Widely used as a nutritional and herbal ingredient in dietary supplements, functional foods, and beverages. It is valued for its natural vitamins, minerals, antioxidants, and plant nutrients, supporting overall wellness, immune health, and general nutrition.
- Dosage: Depends on the intended formulation and desired nutritional benefits. It should be used according to product formulation requirements or as directed by a qualified healthcare professional. The appropriate dosage varies based on the product type, extract concentration, age, and individual nutritional needs.

Packaging

- Standard Packing: 25 Kgs pp bag 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.