

SPECIFICATION

Product Name: Acacia Catechu Extract (Katha) 65%
Chemical Formula: N/A
CAS Number: 90028-28-7
Molecular Weight: 290.27 g/mol
Appearance: Light brown color powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Identification	-	Complies	Conforms by TLC/HPTLC
Catechins	%	67.5%	NLT 65.0%
Tannins	%	12.5%	NLT 10.0%
Loss on Drying	%	3.2%	NMT 5.0%
Ash Content	%	4.5%	NMT 8.0%
Bulk Density	g/ml	0.55 g/ml	Informational
Particle Size	-	98% through 80 mesh	NLT 95% through 80 mesh
Heavy Metals	PPM	< 5 PPM	NMT 10 PPM
Lead	PPM	<0.5 PPM	NMT 2 PPM
Arsenic	PPM	< 0.2 PPM	NMT 1 PPM
Cadmium	PPM	< 0.1 PPM	NMT 1 PPM
Mercury	PPM	< 0.05 PPM	NMT 0.1 PPM
Total Plate Count	cfu/g	< 1000 cfu/g	NMT 10000 cfu/g
Yeast & Mold	cfu/g	< 50 cfu/g	NMT 100 cfu/g

E. coli	Absent/g	Absent	Absent/g
Salmonella	Absent/g	Absent	Absent/25g
Staphylococcus aureus	Absent/g	Absent	Absent/g
Residual Solvents	-	Complies	Meets applicable limits

Physical Properties

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

Shelf Life & Storage

- Shelf Life: 3 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, heat, light, and contamination.

Applications

- Use: Widely used in Ayurvedic, herbal, nutraceutical, food, oral care, and personal care applications due to its high content of catechins and tannins.
- Dosage: Depends on the intended application, formulation type, and desired catechin content.

Packaging

- Standard Packing: 20 kg woven 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.