

SPECIFICATION

Product Name: Salicylic Acid IP Grade
Chemical Formula: $C_7H_6O_3$
CAS Number: 69-72-7
Molecular Weight: 138.12 g/mol
Appearance: White or almost white crystalline powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Identification	-	Complies	Complies with IP
Melting range	°C	159.2°C	158°C - 161°C
Appearance of solution	-	Complies	Clear and colorless
Related substances	-	Complies	Complies with ip requirements
Chlorides	PPM	40 PPM	NMT 125 PPM
Sulphates	PPM	60 PPM	NMT 200 PPM
Iron	PPM	<1 PPM	NMT 2 PPM
Heavy metals	PPM	<10 PPM	NMT 20 PPM
Sulphated ash	%	0.03%	NMT 0.1%
Loss on drying	%	0.18%	NMT 0.5%
Assay (On dried basis)	%	99.8%	98.0% - 100.5%

Physical Properties

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

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, light-resistant, moisture-resistant container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in dermatological and topical pharmaceutical formulations. It helps remove dead skin cells, promotes skin exfoliation, and is used in the treatment of various hyperkeratotic skin disorders.
- Dosage: Depends on the type of skin condition, concentration of the formulation, dosage form, and treatment area.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner 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.