

CERTIFICATE OF ANALYSIS

Product Name	Salicylic Acide		
Reference spec.	BP2020/EP10.0/UsPNF2022		
Batch Number	20240418	Manufacture Date	20240418
Report Date	20240418	Expiry Date	20260417

Item of Analysis	Specification		Results
Characters	A white, or almost white, crystalline powder or white or colourless, acicular crystals, slightly soluble in water, freely soluble in ethanol (96 per cent), sparingly soluble in methylene chloride.		Complies
Identification	Melting point 158° C to 161°C		158.6-160.4°C
	The IR spectrum of sample complies with Salicylic acid CRS		Complies
Appearance of solution	Solution is clear and colourless		Clear
Chlorides	≤100ppm		<100ppm
Sulfates	≤200ppm		<200ppm
Heavy metals	≤20ppm		<20ppm
Loss on drying	≤0.5%		0.02%
Residue on ignition	≤0.05%		0.03%
Related substances	4-hydroxybenzoic acid	≤0.1%	0.002%
	4-hydroxyisophthalic acid	≤0.05%	0.002%
	Phenol	≤0.02%	ND
	Any other impurities	≤0.05%	0.002%
	Total impurities	≤0.2%	0.004%
Assay	C ₇ H ₆ O ₃ 99.0%-100.5%		99.6%

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

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