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Salicylic Acid Medical Grade

Items		Standard
Appearance		White or Almost white crystalline powder or colourless acicular crystals
Solubility		Slightly soluble in water, freely soluble in ethanol (96 per cent), sparingly soluble in methylene chloride
Identification A. Melting point of salicylic acid		158—161 °C
Identification B. IR-Spectrum		Should be complied with Reference Spectrum
Appearance of solution		Clear and colorless
Chloride		≤100 ppm
Sulfate		≤200 ppm
Heavy metals		≤20 ppm
Loss on drying		≤0.5%
Sulphated ash		≤0.1%
Related substances	4-hydroxybenzoic acid	≤0.1%
	4-hydroxyisophthalic acid	≤0.05%
	Phenol	≤0.02%
	Other impurities	≤0.05%
	Total impurities	≤0.2%
Assay		99.0%—100.5%