

## 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%	