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Typical Product Specifications & Properties

Guaifenesin

CAS Number: : 93-14-1

Specifications	Limits
Description	White to slightly grey crystalline powder.
Identification	To pass IR and UV test
Solubility	Soluble in water, alcohol, chloroform and propylene glycol. Sparingly soluble in glycerin.
Melting Range	78 - 82 °C
Loss on Drying	NMT 0.5% at 60°C under vacuum
Heavy Metals	NMT 0.0025%
Chromatographic Purity	
beta-Isomer	NMT 1.5%
Guaiacol	NMT 0.03%
Individual Impurities	NMT 0.5%
Total Impurities	NMT 1.0%
Ethyl Alcohol	NMT 300ppm



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Specifications	Limits
Assay	98.0% - 102% by HPLC on dry basis
Melting Point	78-79 c
Molecular weight	198.21
Color	colorless crystal or powder



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