

Specification

Technical Data Sheet

Product Name	Econazole nitrate
Product No	75736928
CAS Number	24169-02-6
Storage Temperature	Ambient
Molecular Weight	444.70
	Specification
Appearance	White to Off-white powder
Heavy metals	≤ 20ppm
Impurity A	≤ 0.2%
Impurity B	≤ 0.2%
Impurity C	≤ 0.2%
Loss on Drying	≤ 0.5% (105°C, 4 hours)
Melting Point	158 - 166°C

Specification

Total impurity	≤ 0.5%
Appearance of Solution	Clear. Not more coloured than Ref. Sol. Y7 (1% MeOH sol.)
Bulk density	805 - 815mg/ml
Chloride (Cl)	≤ 0.5%
Identification (IR.UV)	conforms to standard
Residual Solvents (Toluene)	≤ 890ppm
Solubility	Very soluble in water; soluble in methanol; slightly soluble in ethanol.
Sulphated Ash	≤ 0.1%
Purity (on dried basis)	≥ 99.0%
Residual Solvents (Ethanol)	≤ 600ppm
