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Product Specifications

Catalogue Number	24754
Product	Cefixime trihydrate
CAS Number	79350-37-1
Molecular Formula	C ₁₆ H ₁₅ N ₅ O ₇ S ₂ •3H ₂ O
Molecular Weight	507.5
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Appearance	White or light yellow crystalline powder
Crystallinity	Meets requirements
Water Content (Karl Fisher)	9.0-12.0%
Acidity	2.6-4.1
Optical Rotation	-75 to -88°
Infrared Spectrum	Conforms to standard
Residual Solvents	Ethanol = < 0.5%; Acetone = < 0.5%; Methylene dichloride = < 0.06%; Ethyl Acetate = < 0.5%
Related Substances	Single impurity: < 1.0%; Total impurities: < 2.0%
Assay (Anhydrous Basis)	950-1030 ug/mg
Storage	Store at 2-8 °C

For Laboratory Use Only