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Product Specifications

Catalogue Number	00126
Product	Erythromycin Erythromycin A
CAS Number	114-07-8
Molecular Formula	C ₃₇ H ₆₇ NO ₁₃
Molecular Weight	733.98
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Appearance	White or almost white crystalline powder
Crystallinity	Meets the requirements
Water Content (Karl Fisher)	≤ 10%
Optical Rotation	[α] _D ²⁰ = -71 to -78 °
Related Substances	Erythromycin A enol ether : ≤ 3% Largest single impurity : ≤ 3%
Residue On Ignition	≤ 0.2%
Assay (anhydrous basis)	85.0 - 100.5% (Sum of Erythromycin A, B and C) Erythromycin B : ≤ 12% Erythromycin C : ≤ 5%
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : Test A : Infrared spectrum : Conforms to structure Test B : Assay test : To pass test Limit of Thiocyanate : ≤ 0.3%

For Laboratory Use Only