

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00126
Lot Number	001453-190401
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 powder
Crystallinity	Meets the requirements
Water Content (Karl Fisher)	3.9%
Optical Rotation	[α] _D ²⁰ = -75 °
Infrared Spectrum	Conforms to structure
Residual Solvents	Complies
Microbial Count	Complies
Related Substances	Erythromycin A enol ether : 0.3%, Erythromycin B : 0.9%, Erythromycin C : 1.1%, Any individual impurity : 2.1%
Residue On Ignition	0.1%
Assay	96.9% (sum of A, B, C, on anhydrous basis)
Purity	94.9% (Erythromycin A)
Grade	USP
Storage	Store at 0-8 °C
Additional Information	Limit of thiocyanate : 0.1%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager