

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	14355
Product	Clarithromycin
Lot Number	003443-11913013
CAS Number	81103-11-9
Molecular Formula	C ₃₈ H ₆₉ NO ₁₃
Molecular Weight	747.96

Appearance	White to off-white crystalline powder
Solubility	Practically insoluble in water, soluble in acetone; slightly soluble in dehydrated alcohol, in methanol, in acetonitrile and in phosphate buffer at pH values of 2 to 5.
Crystallinity	Meets the requirement
Water Content (Karl Fisher)	0.8%
pH	9.12
Optical Rotation	[α] _D ²⁰ = -101.05 °
Related Substances	Any individual impurity : < 1% Total impurities : < 3.5% No more than 4 impurities exceeds 0.4%
Residue On Ignition	0.079%
Assay (anhydrous basis)	99.75%
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification : Test A : Infrared spectrum : Conforms to structure Test by HPLC : The retention time of the major peak of the sample solution corresponds to that of standard solution 1, as obtained in assay.

Certificate of Analysis

Catalog Number: 14355

Lot Number: 003443-11913013

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