

Certificate of Analysis

Date of Testing: 2025-03-28 14:37:10
Date of Next Testing: 2029-03-27 14:37:10
Product Name: **Allopurinol**
CAS Number: 315-30-0
Specifications & Purity: Moligand™, ≥98%
Lot #: C2521208
SKU #: **A105386**
Version: **0**
Analysis #: **328863**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.50 %
Carbon by Elemental Analysis	43.1-45.3 (%)	43.50 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	41.20 %
Purity(HPLC)	98-100 (%)	98.52000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass
Appearance (A105386)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager