

Certificate of Analysis

Date of Testing: 2024-11-23 14:38:27
Date of Next Testing: 2028-11-22 14:38:27
Product Name: **Allopurinol**
CAS Number: 315-30-0
Specifications & Purity: Moligand™, ≥98%
Lot #: K2420145
SKU #: **A105386**
Version: **0**
Analysis #: **078096**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	44.20%
Purity(HPLC)	98-100 (%)	99.74200%
Purity(Neutralization titration)	97.5-102.5 (%)	98.15%
Nitrogen by Elemental Analysis	40.1-42.1 (%)	41.10%
Appearance (A105386)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager