

Certificate of Analysis

Date of Testing: 2024-12-12 18:36:34
Date of Next Testing: 2028-12-11 18:36:34
Product Name: **Allopurinol**
CAS Number: 315-30-0
Specifications & Purity: Moligand™, ≥98%
Lot #: L2410261
SKU #: **A105386**
Version: **0**
Analysis #: **442098**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	43.10%
Purity(HPLC)	98-100 (%)	99.71600%
Purity(Neutralization titration)	97.5-102.5 (%)	97.50%
Nitrogen by Elemental Analysis	40.1-42.1 (%)	40.10%
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