

## Certificate of Analysis

Date of Testing: 2024-04-23 17:07:25

Date of Next Testing: 2028-04-22 17:07:25

Product Name: **Allopurinol**

CAS Number: 315-30-0

Specifications & Purity: 98%

Lot #: D2420008

SKU #: **A105386**

**Analysis:** **336638**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	44.52 %
Purity(HPLC)	98-100 (%)	99.62400 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.86 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	41.62 %
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