

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-28 14:36:32

Date of Next Testing: 2029-03-27 14:36:32

Product Name: **Allopurinol**

CAS Number: 315-30-0

Specifications & Purity: Moligand™, ≥98%

Lot #: C2521219

SKU #: **A105386**

Version: **0**

Analysis #: **442098**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	43.10000 %
Purity(HPLC)	98-100 (%)	99.71600 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.50000 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	40.10000 %
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