

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 17:56:39

Date of Next Testing: 2029-09-17 17:56:39

Product Name: **Allopurinol**

CAS Number: 315-30-0

Specifications & Purity: Moligand™, ≥98%

Lot #: I2510188

SKU #: **A105386**

Version: **0**

Analysis #: **565839**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	44.50000 %
Purity(HPLC)	98-100 (%)	99.96500 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.52000 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	41.50000 %
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