

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-11 12:05:48

Date of Next Testing: 2028-04-10 12:05:48

Product Name: **Allopurinol**

CAS Number: 315-30-0

Specifications & Purity: 98%

Lot #: D2403684

SKU #: **A105386****Analysis: 328863**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.50 %
Carbon by Elemental Analysis	43.1-45.3 (%)	43.50 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	41.20 %
Purity(HPLC)	98-100 (%)	98.52000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass
Appearance (A105386)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager