

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 17:25:23

Date of Next Testing: 2026-01-24 17:25:23

Product Name: **Allopurinol**

CAS Number: 315-30-0

Specifications & Purity: 98%

Lot #: A2221059

SKU #: **A105386****Analysis: 046748**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	43.1-45.3 (%)	44.55 %
Purity(HPLC)	98-100 (%)	98.19000 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.15 %
Nitrogen by Elemental Analysis	40.1-42.1 (%)	42.06 %
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