

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 17:42:08
Date of Next Testing: 2029-09-17 17:42:08
Product Name: **Allopurinol**
CAS Number: 315-30-0
Specifications & Purity: Moligand™, ≥98%
Lot #: I2510189
SKU #: **A105386**
Version: **0**
Analysis #: **565839**

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Carbon by Elemental Analysis | 43.1-45.3 (%) | 44.50 % |
| Purity(HPLC) | 98-100 (%) | 99.96500 % |
| Purity(Neutralization titration) | 97.5-102.5 (%) | 98.52 % |
| Nitrogen by Elemental Analysis | 40.1-42.1 (%) | 41.50 % |
| 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