

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-22 14:53:51

Date of Next Testing: 2029-10-21 14:53:51

Product Name: **6-Chloropurine**

CAS Number: 87-42-3

Specifications & Purity: $\geq 99\%$

Lot #: C1821019

SKU #: **C100147**

Version: **0**

Analysis #: **590212**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	35.9-36.7 (%)	36.50 %
Purity(HPLC)	99-100 (%)	99.52000 %
Purity(O2 AgNO3 titration with after combustion)	98.5-101.5 (%)	99.90 %
Carbon by Elemental Analysis	38.4-39.2 (%)	38.70 %
Appearance (C100147)	Off-White to Light Yellow Powder or Solid	Off-White to Light Yellow Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Clear Colorless to Faint Yellow, C = 50 mg/ml(5%)	pass	Pass



John Su
QA & QC Manager