

Certificate of Analysis

Date of Testing: 2022-01-21 11:26:01

Date of Next Testing: 2026-01-20 11:26:01

Product Name: **6-Chloropurine**

CAS Number: 87-42-3

Specifications & Purity: 99%

Lot #: C1821020

SKU #: **C100147**

Analysis: 068793

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	35.9-36.7 (%)	36.57 %
Purity(HPLC)	98-100 (%)	99.52900 %
Purity(O2 AgNO3 titration with after combustion)	98.5-101.5 (%)	99.90 %
Carbon by Elemental Analysis	38.4-39.2 (%)	38.74 %
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