

Certificate of Analysis

Date of Testing: 2023-09-15 11:33:59

Date of Next Testing: 2027-09-14 11:33:59

Product Name: **6-Chloropurine**

CAS Number: 87-42-3

Specifications & Purity: 99%

Lot #: I2308103

SKU #: **C100147**

Analysis: **266881**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	35.9-36.7 (%)	35.99 %
Purity(HPLC)	99-100 (%)	99.23800 %
Purity(O2 AgNO3 titration with after combustion)	98.5-101.5 (%)	100.08 %
Carbon by Elemental Analysis	38.4-39.2 (%)	38.52 %
Appearance (C100147)	Off-White to Light Yellow Powder or Solid	Off-White to Light Yellow Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Clear Colorless to Faint Yellow,C = 50 mg/ml(5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager