

Certificate of Analysis

Date of Testing: 2023-05-12 10:44:16

Date of Next Testing: 2027-05-11 10:44:16

Product Name: **6-Mercaptopurine monohydrate**

CAS Number: 6112-76-1

Specifications & Purity: 99.5%

Lot #: E2306554

SKU #: **M111819**

Analysis: **136039**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.5-100.5 (%)	99.82 %
Purity(HPLC)	99.5-100 (%)	99.52000 %
Water by Karl Fischer	9.9-11.5 (%)	11.47 %
Appearance (M111819)	yellow powder or crystals	yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N NaOH , Yellow , Clear to Very Slightly Hazy , 50mg/ml, 1N NAO	pass	Pass



John Su
QA & QC Manager