

## Certificate of Analysis

Date of Testing: 2023-05-12 10:47:16  
Date of Next Testing: 2027-05-11 10:47:16  
Product Name: **6-Mercaptopurine monohydrate**  
CAS Number: 6112-76-1  
Specifications & Purity: 99.5%  
Lot #: E2306543  
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