

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-11 17:22:17
 Date of Next Testing: 2027-05-10 17:22:17
 Product Name: **6-Mercaptopurine monohydrate**
 CAS Number: 6112-76-1
 Specifications & Purity: $\geq 99.5\%$
 Lot #: E2306698
 SKU #: **M111819**
 Version: **0**
 Analysis #: **136039**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.5-100.5 (%)	99.82000 %
Purity(HPLC)	99.5-100 (%)	99.52000 %
Water by Karl Fischer	9.9-11.5 (%)	11.47100 %
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