

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 15:55:33

Date of Next Testing: 2027-05-05 15:55:33

Product Name: **Hypoxanthine**

CAS Number: 68-94-0

Specifications & Purity: 98%

Lot #: D2324536

SKU #: **H301755****Analysis: 218178**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.03 %
λ max	247-251 (nm)	249.00 nm
Purity(HPLC)	98-100 (%)	99.90300 %
Appearance (H301755)	White to Light Yellow to Light red to Light Brown powder or crystal	White to Light Yellow to Light red to Light Brown powder or crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility (formic acid:water2:1)	Clear Colorless to light yellow,50 mg/ml	Clear Colorless to light yellow,50 mg/ml

John Su
QA & QC Manager