

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-21 14:35:47
 Date of Next Testing: 2028-09-20 14:35:47
 Product Name: **Hypoxanthine**
 CAS Number: 68-94-0
 Specifications & Purity: Moligand™, ≥99%
 Lot #: I2413112
 SKU #: **H108384**
 Version: **1**
 Analysis #: **161066**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.79300 %
Loss on drying	0-0.5 (%)	0.28500 %
EmM in PH7.0 wWavelength(249-250nm)	10.5-11	10.92121
λ max	247-251 (nm)	249.20000 nm
Purity(UV)	99-100 (%)	99.36200 %
Appearance (H108384)	White to Light Yellow to Light Brown powder	White to Light Yellow to Light Brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility of formic acid/H2O(2/1)	Clear colorless to faint yellow solution, 50mg/ml	Clear colorless to faint yellow solution, 50mg/ml



John Su
QA & QC Manager