

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-20 10:05:13  
Date of Next Testing: 2027-04-19 10:05:13  
Product Name: **Hypoxanthine**  
CAS Number: 68-94-0  
Specifications & Purity: 99%  
Lot #: D23081222  
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 (%)	0.28 %
EmM in PH7.0 wWavelength(249-250nm)	10.5-11	10.92
$\lambda$ max	247-251 (nm)	249.20 nm
Purity(UV)	99-100 (%)	99.36 %
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/H <sub>2</sub> O(2/1)	Clear colorless to faint yellow solution, 50mg/ml	Clear colorless to faint yellow solution, 50mg/ml



John Su  
QA & QC Manager