

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 14:24:06

Date of Next Testing: 2027-05-05 14:24:06

Product Name: **Hypoxanthine**

CAS Number: 68-94-0

Specifications & Purity: 98%

Lot #: D2324538

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