

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-26 16:30:29  
Date of Next Testing: 2027-09-25 16:30:29  
Product Name: **3-Isobutyl-1-methylxanthine**  
CAS Number: 28822-58-4  
Specifications & Purity: 99%  
Lot #: I2321522  
SKU #: **I106812**  
Version: **1**  
Analysis #: **271971**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	200-203 (°C)	202.19000 °C
Purity(HPLC)	99-100 (%)	99.61800 %
Appearance (I106812)	White to Off-White Powder	White to Off-White Powder
Solubility in EtOH , 10 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager