

## Certificate of Analysis

Date of Testing: 2022-01-22 14:41:02  
Date of Next Testing: 2026-01-21 14:41:02  
Product Name: **3-Isobutyl-1-methylxanthine**  
CAS Number: 28822-58-4  
Specifications & Purity: 99%  
Lot #: A2219158  
SKU #: **I106812**  
**Analysis:** **072238**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	200-203 (°C)	202.99000 °C
Purity(HPLC)	98-100 (%)	99.41900 %
Appearance (I106812)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , 10 mg/mL	pass	Pass



John Su  
QA & QC Manager