

Certificate of Analysis

Date of Testing: 2022-06-18 22:41:57
Date of Next Testing: 2026-06-17 22:41:57
Product Name: **3-Isobutyl-1-methylxanthine**
CAS Number: 28822-58-4
Specifications & Purity: 99%
Lot #: F2217109
SKU #: **I106812**
Analysis: 093207
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|-------------------------------|---------------------------|---------------------------|
| Melting point | 200-203 (°C) | 202.93000 °C |
| Purity(HPLC) | 99-100 (%) | 99.00100 % |
| 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