

Certificate of Analysis

Date of Testing: 2023-01-25 01:20:04
Date of Next Testing: 2025-01-24 01:20:04
Product Name: **Xanthosine Dihydrate**
CAS Number: 5968-90-1
Specifications & Purity: $\geq 99\%$
Lot #: F1516066
SKU #: **X137287**
Analysis: 180272
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.50000 %
Nitrogen(anhydrous)	19.5-20.3 (%)	19.60 %
Carbon by Elemental Analysis(anhydrous)	41.8-43 (%)	42.00 %
Water by Karl Fischer	9-14 (%)	10.30 %
Appearance (X137287)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
QA & QC Manager