

## Certificate of Analysis

Date of Testing: 2023-06-15 13:19:34  
Date of Next Testing: 2025-06-14 13:19:34  
Product Name: **Xanthosine Dihydrate**  
CAS Number: 5968-90-1  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2109441  
SKU #: **X137287**  
**Analysis:** **241550**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.20600 %
Nitrogen(anhydrous)	19.5-20.3 (%)	19.80 %
Carbon by Elemental Analysis(anhydrous)	41.8-43 (%)	42.20 %
Water by Karl Fischer	9-14 (%)	11.30 %
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 <sub>4</sub> OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su  
QA & QC Manager