

## Certificate of Analysis

Date of Testing: 2024-04-01 16:32:45

Date of Next Testing: 2026-04-01 16:32:45

Product Name: **Xanthosine Dihydrate**

CAS Number: 5968-90-1

Specifications & Purity:  $\geq 99\%$

Lot #: C2426388

SKU #: **X137287**

**Analysis: 326841**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.80000 %
Water by Karl Fischer	9-14 (%)	11.40 %
Nitrogen(anhydrous)	19.5-20.3 (%)	19.64 %
Carbon by Elemental Analysis(anhydrous)	41.8-43 (%)	41.93 %
Appearance (X137287)	White to Off-White Powder	White to Off-White Powder
Solubility in 1M NH4OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager