

## Certificate of Analysis

Date of Testing: 2025-01-10 10:48:06  
Date of Next Testing: 2027-01-10 10:48:06  
Product Name: **Coelenterazine**  
CAS Number: 55779-48-1  
Specifications & Purity:  $\geq 94\%$   
Lot #: D2311585  
SKU #: **C131248**  
Version: **1**  
Analysis #: **460682**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HNMR)	94-100 (%)	96.10000 %
Carbon by Elemental Analysis	67.87-75.2 (%)	68.20 %
Nitrogen by Elemental Analysis	9.14-10.2 (%)	9.26 %
Appearance (C131248)	Yellow to Orange Film or powder	Yellow to Orange Film or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Yellow,Clear,C=1 mg/mL	pass	Pass



John Su  
QA & QC Manager