

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-15 05:44:24

Date of Next Testing: 2025-04-14 05:44:24

Product Name: **Coelenterazine**

CAS Number: 55779-48-1

Specifications & Purity:  $\geq 94\%$

Lot #: D2311551

SKU #: **C131248**

Version: **1**

Analysis #: **191664**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                   | Limit Values                    | Result                          |
|---------------------------------------------|---------------------------------|---------------------------------|
| Purity(HNMR)                                | 94-100 (%)                      | 96.16000 %                      |
| Carbon by Elemental Analysis                | 67.87-75.20 (%)                 | 68.29800 %                      |
| Nitrogen by Elemental Analysis              | 9.14-10.2 (%)                   | 9.26200 %                       |
| 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                            |



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QA & QC Manager