

## Certificate of Analysis

Date of Testing: 2022-09-19 16:18:07

Date of Next Testing: 2026-09-18 16:18:07

Product Name: **7,8-Dimethylalloxazine**

CAS Number: 1086-80-2

Specifications & Purity: >95.0%(HPLC)

Lot #: F2329258

SKU #: **D155167**

Analysis: **136741**

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Lambda Max in EtOH                         | 330-340 (nm)          | 337.62 nm             |
| Absorbance(E1%1cm EtOH, 383.0 to 387.0 nm) | ≥250                  | 295.30                |
| Absorbance(E1%1cm EtOH, 330.0 to 340.0 nm) | ≥260                  | 300.25                |
| Purity(HPLC)                               | 95-100 (%)            | 95.02000 %            |
| Appearance (D155167)                       | yellow solid          | yellow solid          |
| Proton NMR spectrum                        | Conforms to Structure | Conforms to Structure |



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QA & QC Manager