

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-15 15:40:10

Date of Next Testing: 2027-02-14 15:40:10

Product Name: **Erioglaucine disodium salt**

CAS Number: 3844-45-9

Specifications & Purity:  $\geq 85\%$

Lot #: B23061010

SKU #: **E101979**

Version: **2**

Analysis #: **118159**

Storage Temperature: Protected from light, Room temperature

| Parameter                                                                               | Limit Values                                                                                      | Result                                                                                            |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Absorbance(2.5mg/L, 0.02mol/L $\geq 0.35$ AcONH <sub>4</sub> sol., 627 - 631 nm, dried) |                                                                                                   | 0.41500                                                                                           |
| Drying loss(135°C)                                                                      | 0-10 (%)                                                                                          | 2.36820 %                                                                                         |
| $\lambda$ max(0.02mol/L AcONH <sub>4</sub> sol.) 627-631 (nm)                           |                                                                                                   | 629.30000 nm                                                                                      |
| Purity                                                                                  | 85-100 (%)                                                                                        | 95.95700 %                                                                                        |
| Appearance (E101979)                                                                    | Red to Very Dark Red and Purple to Very Dark Purple and Red-Purple or Dark blue powder to crystal | Red to Very Dark Red and Purple to Very Dark Purple and Red-Purple or Dark blue powder to crystal |
| Infrared spectrum                                                                       | Conforms to Structure                                                                             | Conforms to Structure                                                                             |
| Solubility in H <sub>2</sub> O, Clear, Dark Blue, c = 1 mg/ml                           | pass                                                                                              | Pass                                                                                              |
| Proton NMR spectrum                                                                     | Conforms to Structure                                                                             | Conforms to Structure                                                                             |



John Su  
QA & QC Manager