

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-15 08:30:01

Date of Next Testing: 2028-05-14 08:30:01

Product Name: **Erioglauoine disodium salt**

CAS Number: 3844-45-9

Specifications & Purity: $\geq 85\%$

Lot #: D2419054

SKU #: **E101979**

Version: **2**

Analysis #: **160126**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Absorbance(2.5mg/L, 0.02mol/L ≥ 0.35 AcONH ₄ sol., 627 - 631 nm, dried)		0.41300
Drying loss(135°C)	0-10 (%)	3.73579 %
λ max(0.02mol/L AcONH ₄ sol.) 627-631 (nm)		628.96000 nm
Purity	85-100 (%)	96.54500 %
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear, Dark Blue, c = 1 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager