

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 16:20:42
Date of Next Testing: 2026-10-16 16:20:42
Product Name: **Erioglaucine disodium salt**
CAS Number: 3844-45-9
Specifications & Purity: $\geq 85\%$
Lot #: J2210437
SKU #: **E101979**
Version: **2**
Analysis #: **118159**
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)		0.41500
Drying loss(135°C)	0-10 (%)	2.36820 %
λ max(0.02mol/L AcONH ₄ 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 ₂ O , Clear, Dark Blue, c = 1 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager