

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 13:17:34

Date of Next Testing: 2027-01-13 13:17:34

Product Name: **Eosin Y**

CAS Number: 15086-94-9

Specifications & Purity: 95%

Lot #: A2306390

SKU #: **E110818**

Version: **0**

Analysis #: **161912**

Parameter	Limit Values	Result
Absorbance(E1%1cm)(0.1mol/L NaOH, 515.0 to 519.0 nm)	≥ 1000	1495.00000
Purity(HPLC)	95-100 (%)	99.10000 %
Purity(Neutralization titration)	95-105 (%)	98.70000 %
Lambda max(0.1mol/L NaOH)	501-600 (nm)	517.00000 nm
Loss on drying	0-5 (%)	0.40000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Orange,Clear to Very Hazy,c = 1mg/ml	pass	Pass
Appearance (E110818)	Light Red to Red and Pink Powder	White to Light Yellow to Light Red to Red and Pink Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager