

Certificate of Analysis

Date of Testing: 2022-07-12 17:21:20

Date of Next Testing: 2026-07-11 17:21:20

Product Name: **Eosin Y**

CAS Number: 15086-94-9

Specifications & Purity: 95%

Lot #: G2211045

SKU # **E110818**

Analysis: 112338

Parameter	Limit Values	Result
Absorbance(E1%1cm)(0.1mol/L NaOH, 515.0 to 519.0 nm)	≥1000	1446.00
Purity(HPLC)	95-100 (%)	99.20000 %
Purity(Neutralization titration)	95-105 (%)	95.01 %
Lambda max(0.1mol/L NaOH)	501-600 (nm)	517.00 nm
Loss on drying	0-5 (%)	0.30 %
Appearance (E110818)	Light Red to Red and Pink Powder	Light Red to Red and Pink Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Orange,Clear to Very Hazy,c = 1mg/ml	pass	Pass



John Su
QA & QC Manager