

Certificate of Analysis

Date of Testing: 2024-12-03 10:19:03

Date of Next Testing: 2028-12-02 10:19:03

Product Name: **Fluorescein**

CAS Number: 2321-07-5

Specifications & Purity: AR, ≥90%

Lot #: K2429321

SKU #: **F100007**

Version: **0**

Analysis #: **438867**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-2 (%)	1.76 %
Loss on drying	≤5(%)	0.11 %
Purity (Titration by NaOH)	90-100 (%)	91.72 %
Appearance (F100007)	Orange to red-brown or maroon powder	Orange to red-brown or maroon powder
Solubility in hot EtOH(95vol%)	almost transparency	almost transparency
Solubility1mg/ml 1N NaOH	Clear orange-green to orange brown solution	Clear orange-green to orange brown solution
Solubility50mg/ml 1N NaOH	Clear to opaque,orange to orange-green or brown	Clear to opaque,orange to orange-green or brown
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass



John Su
QA & QC Manager