

Certificate of Analysis

Date of Testing: 2022-07-09 16:56:54

Date of Next Testing: 2026-07-08 16:56:54

Product Name: **Fluorescein**

CAS Number: 2321-07-5

Specifications & Purity: Analytical Reagent, 90%

Lot #: G2201327

SKU #: **F100007**

Analysis: **094691**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-2 (%)	0.16 %
Loss on drying	≤5 (%)	0.44 %
Purity (Titration by NaOH)	90-100 (%)	99.64 %
Appearance (F100007)	Orange to red-brown or maroon powder	Orange to red-brown or maroon powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot EtOH(95vol%)	almost transparency	almost transparency
Solubility 1mg/ml 1N NaOH	Clear orange-green to orange brown solution	Clear orange-green to orange brown solution
Solubility 50mg/ml 1N NaOH	Clear to opaque, orange to orange-green or brown	Clear to opaque, orange to orange-green or brown
Sensitiveness test	pass	Pass



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QA & QC Manager