

Certificate of Analysis

Date of Testing: 2025-06-10 17:01:55

Date of Next Testing: 2029-06-09 17:01:55

Product Name: **Fluorescein**

CAS Number: 2321-07-5

Specifications & Purity: AR, $\geq 90\%$

Lot #: H2126274

SKU #: **F100007**

Version: **0**

Analysis #: **522100**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	90-100 (%)	98.40 %
Ignition Residue (as sulfate)	0-2 (%)	1.99 %
Loss on drying	$\leq 5(\%)$	3.00 %
Appearance (F100007)	Orange to red-brown or maroon powder	Orange to red-brown or maroon powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
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



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