

Certificate of Analysis

Date of Testing: 2024-12-16 18:30:49
Date of Next Testing: 2028-12-15 18:30:49
Product Name: **Fluorescein sodium salt**
CAS Number: 518-47-8
Specifications & Purity: AR
Lot #: L2412424
SKU #: **F105615**
Version: **1**
Analysis #: **442251**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
λ max(in buffer pH 8,Na ₂ CO ₃ sol.)	489-493 (nm)	491.00 nm
Absorpt. Ratio P-15/P+15	1.2-1.7	1.50
Assay	80-100 (%)	94.40 %
Loss on drying(105°C)	0-10 (%)	0.25 %
Extinction (1%/1CM , 486 - 496 nm)	≥ 900	1127.50000
Appearance (F105615)	Orange to Brown Powder, Crystals and/or Chunks	Orange to Brown Powder, Crystals and/or Chunks
Solubility, Yellow to Green, Clear to Hazy, 1mg/ml, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager