

## Certificate of Analysis

Date of Testing: 2025-05-23 10:50:04  
Date of Next Testing: 2029-05-22 10:50:04  
Product Name: **Fluorescein sodium salt**  
CAS Number: 518-47-8  
Specifications & Purity: AR  
Lot #: E2520371  
SKU #: **F105615**  
Version: **1**  
Analysis #: **510108**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
$\lambda$ max(in buffer pH 8,Na <sub>2</sub> CO <sub>3</sub> sol.)	489-493 (nm)	491.00 nm
Absorpt. Ratio P-15/P+15	1.2-1.7	1.32
Assay	80-100 (%)	93.17 %
Loss on drying(105°C)	0-10 (%)	2.46 %
Extinction (1%/1CM , 486 - 496 nm)	≥ 900	1569.44444
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 <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager