

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-05 17:18:01

Date of Next Testing: 2027-09-04 17:18:01

Product Name: **Fluorescein sodium salt**

CAS Number: 518-47-8

Specifications & Purity: AR

Lot #: I2301437

SKU #: **F105615**

Version: **1**

Analysis #: **266501**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
λ max(in buffer pH 8, Na ₂ CO ₃ sol.)	489-493 (nm)	491.00000 nm
Absorpt. Ratio P-15/P+15	1.2-1.7	1.38996
Assay	80-100 (%)	91.90500 %
Loss on drying(105°C)	0-10 (%)	1.17647 %
Extinction (1%/1CM , 486 - 496 nm)	≥ 900	1389.02439
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