

**Product Name:** Fluorescein disodium salt

**Catalog Number:** J61549.22

**CAS Number:** 518-47-8

**IUPAC Name:** disodium 2-(6-oxido-3-oxo-3H-xanthen-9-yl)benzoate

**Molecular Formula:** C<sub>20</sub>H<sub>10</sub>Na<sub>2</sub>O<sub>5</sub>
**Molecular Weight:** 376.28

**MDL Number:** MFCD00167039

**InChI Key:** NJDNXYGOVLYJHP-UHFFFAOYSA-L

**SMILES:** [Na+].[Na+].[O-]C(=O)C1=CC=CC=C1C1=C2C=CC(=O)C=C2OC2=CC([O-])=CC=C12

**Synonym:** fluorescein sodium

## Product Specification

**Appearance (Color):** Dark brownish-red to brownish-orange, dark orange-red

**Form:** Powder

**Solution Test:** Clear to slightly hazy dark brownish yellow solution with greenish fluorescence (1 mg/ml in water)

**Loss on Drying:** ≤ 8.0% (1 hour at 135°C)

**Assay (special):** ≥90.0% (on dry basis)

**Assay (special):** Identification A, B, C: Passes tests

**Assay (special):** Residual solvent as isotope alcohol: ≤ 5000 PPM

**Date Of Print:** 05/15/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*