



## Specifications

### Fluorescein Water Soluble

**Catalog Number:** FW1001  
**C.I. Number:** 45350  
**CAS Number:** 518-47-8  
**Synonyms:** Acid Yellow 73; D&C Yellow No. 8; Fluorescein Sodium  
**Molecular Formula:** C<sub>20</sub>H<sub>10</sub>O<sub>5</sub>Na<sub>2</sub>  
**Molecular Weight:** 376.28  
**Storage:** 15°C – 30°C

Test	Specification
Appearance	Dark brownish-red to dark orange red powder
Identification	To pass tests
Assay	90.0% - 102.0%
Loss on drying at 135 °C/1hr	17% maximum
Solubility 1mg/ml in H <sub>2</sub> O	Clear to slightly hazy dark yellow to brownish Yellow solution with greenish fluorescence.
Lambda Max	491 nm in Water

Approved by:

*John Grubb*

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