



## Specification

### Erythrosin B Certified

**Catalog Number:** EB1008  
**CAS Number:** 16423-68-0  
**C.I. Number:** 45430  
**Synonyms:** Acid Red 51; Tetraiodofluorescein sodium salt  
**Molecular Formula:**  $C_{20}H_{6}I_4Na_2O_5$   
**Molecular Weight:** 879.87  
**Storage:** 15°C –30°C

Test	Specification
Description:	Dark Red to maroon to brown powder
Dye content:	>80
Water insoluble matter:	< 0.20%
Subsidiary dyes:	< 4.00%
Tri-Iodoresorcinol:	< 0.20%
Inorganic Iodides as Sodium Iodide:	< 0.10%
Solubility (10 mg/ml, H <sub>2</sub> O):	Clear, red-orange to red solution
Spectroscopy:	~525 nm
Visual Transition Interval:	From pH 0.0 (yellow) To pH 3.5 (fluorescent red)

Approved:

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