



## Specification

### Eosin B Spirit Soluble

**Catalog Number:** ES1004  
**CAS Number:** 56360-46-4  
**C.I. Number:** 34140  
**Synonyms:** Safrosin  
**Molecular Formula:**  $C_{20}H_{18}N_2O_9Br_2$   
**Molecular Weight:** 580.11  
**Storage:** 15°C – 30°C

Test	Specification
Appearance	Yellow to Orange Powder
Identification (IR)	Conforms to standard
Absorptivity: 1% 1cm (in H <sub>2</sub> O + 1ml, 2% Na <sub>2</sub> CO <sub>3</sub> at $\lambda$ max. 515-524nm)	>1020
Solubility 1mg/ml, MEOH (HEAT)	Clear Red solution
Visual Transition Interval	pH 1.4 (colorless) to pH 2.4 (fluorescent pink)

Approved:

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