



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Eosin yellow**

Synonym	: Solvent red 43
Molecular Formula	: $C_{20}H_8Br_4O_5$
Molecular Weight	: 647.89
CAS No.	: 15086-94-9
Colour Index No.	: 45380:2
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Pink to orange to red to brown powder
Solubility	: 10 ppm solution in methanol yields clear orange yellow solution
FTIR (KBr disc)	: Matches with the standard pattern
Loss on drying (at 110°C, 1 hr)	: $\leq 2.40\%$
Absorption maxima (10 ppm in Methanol)	: 520 - 530 nm
Specific absorbance	: $\geq 1560$ (5 ppm in methanol, at 525 nm)