



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Tartrazine**

Synonym	: Acid Yellow 23
Molecular Formula	: C <sub>16</sub> H <sub>9</sub> N <sub>4</sub> Na <sub>3</sub> O <sub>9</sub> S <sub>2</sub>
Molecular Weight	: 534.36
CAS No.	: 1934-21-0
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Orange Powder
Infrared spectrum	: Conforms to Structure
Carbon	: 30.6 - 36.5 %
Nitrogen	: 8.9 - 10.8 %
Dye Content	: $\geq$ 85
Solubility (Color)	: Yellow to Yellow-Orange
Solubility (Turbidity) 10 mg/mL, H <sub>2</sub> O	: Clear
E1%	: 435 - 500 in H <sub>2</sub> O
Wavelength	: 425 - 429 nm