



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Tetrazolium Blue**

Synonym : Blue tetrazolium chloride  
CAS No. : 1871-22-3  
Molecular Formula : C<sub>4</sub>H<sub>3</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>2</sub>  
Molecular Weight : 727.64  
Storage Below : 30°C  
Shelf life : 5 years

#### **Technical Specification**

Appearance : Light yellow to yellow powder  
Solubility : 10 mg soluble in 10 mL of methanol  
Absorption maxima (20 ppm in : 248 - 256 nm  
ethanol)  
Loss on drying (at 105°C, 2 hr) : ≤ 3.00%  
Assay (NT, on dry basis/HPLC) : 95.00 - 102.00%