



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **2,3,5-Triphenyltetrazolium Chloride**

Synonym	: Tetrazolium Red
Molecular Formula	: C <sub>19</sub> H <sub>15</sub> CIN <sub>4</sub>
Molecular Weight	: 334.80
CAS No.	: 298-96-4
Shelf Life	: 5 years

#### **Technical Specification**

APPEARANCE	: White to Faint Yellow Powder
ARGENTOMETR. TITRATION	: 99.0 - 101.0 %
PURITY (HPCE AREA %)	: $\geq$ 99.0 %
SOLUBILITY (METHOD)	: 1G IN 10ML METHANOL
CARBON CONTENT	: 68.16 %
HYDROGEN CONTENT	: 4.52 %
NITROGEN CONTENT	: 16.73 %
WAVELENGTH (1) (UV)	: 242 - 252 nm
EXTINCTION (1%/1CM) (1) (UV)	: $\geq$ 650
SOLVENT (UV)	: H <sub>2</sub> O