



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Nitroblue tetrazolium chloride (NBT)**

Molecular Formula :  $C_{40}H_{30}N_{10}O_6Cl_2$   
Molecular Weight : 817.64  
CAS No. : 298-83-9  
Shelf Life : 5 years

#### **Technical Specification**

Appearance : Yellow crystals or powder  
Solubility : 33.3 mg soluble in 1 mL of methanol  
DNase : None detected  
RNase : None detected  
FTIR : Matches with the standard pattern  
Absorption maxima : 255 - 260 nm (20 ppm in methanol)  
Water (K.F.) :  $\leq 10.00\%$   
Assay (AT) : 98.00 - 102.00%