



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Thymolphthalein**

Synonym : 5,5'-Diisopropyl-2',2''-dimethylphenolphthalein  
Molecular Formula :  $C_{28}H_{30}O_4$   
Molecular Weight : 430.54  
CAS No. : 125-20-2  
Shelf Life : 5 years

#### **Technical Specification**

Appearance : White crystalline powder.  
Solubility : Insoluble in water. Soluble in alcohol and acetone.  
Reaction : Reaction of 0.1% w/v alcoholic solution is colour change of colourless to blue at pH 9.3 to 10.5 respectively at 25°C.  
Absorption lambda max. I :  $398 \pm 2$   
Absorption lambda max. II :  $595 \pm 2$