



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Phenol red sodium salt**

Product Name	: Phenol red sodium salt
Synonym	: Phenolsulfonephthalein sodium salt
Molecular Formula	: C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S
Molecular Weight	: 376.36
CAS No.	: 34487-61-1
EC No.	: 252-057-8
HS Code	: 2934 99 90
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Red to dark reddish brown crystals or powder.
Solubility	: 20 ppm in methanol yields clear solution
Visual pH transition	: pH 6.8 (yellow) - pH 8.4 (red)
FTIR (KBr disc)	: Matches with the standard pattern
Loss on drying (at 110°C, 1 hr)	: <=5%
Absorption maxima	: 420 - 426 nm (20 ppm in methanol)
Storage Temperature(°C)	: Store below 30°C