



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Phenol red**

CAS No.	: 143-74-8
Molecular Formula	: C <sub>19</sub> H <sub>14</sub> O <sub>5</sub> S
Molecular Weight	: 354.38
Storage Below	: 30°C
Shelf life	: 5 years

#### **Technical Specification**

Appearance	: Red to maroon crystals or powder
Solubility	: 10 ppm in pH 9 aq. buffer yields clear solution
Visual pH transition	: pH 6.8 (yellow) - pH 8.2 (red)
Absorption maxima	: 555 - 561 nm (10 ppm in pH 9 aq. buffer) Loss on
drying (at 110°C, 2 hr)	: ≤ 5.00%
Specific absorbance	: ≥ 1700 (10 ppm in pH 9 aq. buffer at 555 - 561 nm)