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## Phenol red, Hi-Cert<sup>®</sup>/ACS

**GRM085**

### Product Identifier

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CAS No.	:	143-74-8
EC No.	:	205-609-7
Molecular Formula	:	C <sub>19</sub> H <sub>14</sub> O <sub>5</sub> S
Molecular Weight	:	354.38
HS Code	:	2934 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	Bright red to maroon crystals or powder or solid
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)

### Safety Information

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Hazard Pictogram(s)



Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	SJ7490000
WGK	:	1