

# Chem-Impex International, Inc.

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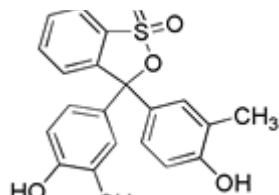
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	01591
<b>Product</b>	<b>Cresol red</b> 2-Cresolsulfonephthalein 3',3''-Dimethylphenolsulfonephthalein
<b>CAS Number</b>	1733-12-6
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>18</sub> O <sub>5</sub> S
<b>Molecular Weight</b>	382.43

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<b>Appearance</b>	Dark red or greenish brown powder
<b>Solubility</b>	Clear yellow solution (0.1% in 95% EtOH)
<b>UV Ratios</b>	Absorptivity 1%/1cm (pH 6.5) at $\lambda$ max. 435 $\pm$ 1 nm : 490 - 540 (pH 8.8) at $\lambda$ max. 573 $\pm$ 1nm : 1000 - 1100
<b>Visual Transition Range</b>	pH 0.5 (Pink) to pH 2.5 (Yellow) pH 6.5 (Yellow) to pH 8.8 (Purple)
<b>Loss on Drying</b>	$\leq$ 3% (110 °C, 1h)
<b>Dye content</b>	$\geq$ 96% (By spectrophotometry)
<b>Grade</b>	Indicator grade
<b>Storage</b>	Store at RT

**For Laboratory Use Only**