

# *Chem-Impex International, Inc.*

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01590
<b>Lot Number</b>	002126-05-32
<b>Product</b>	<b>Cresol red sodium salt</b>
	2-Cresolsulfonephthalein sodium salt
<b>CAS Number</b>	62625-29-0
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>17</sub> O <sub>5</sub> SNa
<b>Molecular Weight</b>	404.42

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<b>Appearance</b>	Dark brownish red powder
<b>Solubility</b>	Clear yellow solution (0.1% in H <sub>2</sub> O)
<b>Visual Transition Range</b>	From pH 6.8 (Yellow) to pH 8.8 (Purple)
<b>Loss on Drying</b>	2.14% (110 °C, 1 h)
<b>Dye content</b>	95%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Absorptivity: (pH 6.8) at $\lambda_{\max}$ at 434 nm = 480 (pH 8.8) at $\lambda_{\max}$ at 573 nm = 968
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**