

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00589
<b>Lot Number</b>	000331-31566
<b>Product</b>	<b>Chromotrope 2R</b>  Acid red 29  2-(Phenylazo)chromotropic acid disodium salt
<b>CAS Number</b>	4197-07-3
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>10</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight</b>	468.37

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<b>Appearance</b>	Brownish-red powder
<b>Solubility</b>	Clear red solution (C =0.1% in methanol)
<b>UV Ratios</b>	Absorptivity (1%/1 cm) at $\lambda_{\max}$ 511 nm (in Methanol): 511
<b>Loss on Drying</b>	7.65%
<b>Dye content</b>	77.7% (Spectrophotometry)
<b>Storage</b>	Store at RT
<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**