

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

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

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30172
<b>Product</b>	<b>Phthalein purple</b>
<b>Lot Number</b>	002126-07-35 o-Cresolphthalein complexone Metalphthalein
<b>CAS Number</b>	2411-89-4
<b>Molecular Formula</b>	C <sub>32</sub> H <sub>32</sub> N <sub>2</sub> O <sub>12</sub>
<b>Molecular Weight</b>	636.62

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Almost clear solution (0.1% in Ethanol) Clear purple solution (50 mg/mL in 1M NaOH)
<b>Elemental Analysis (Found)</b>	Nitrogen : 4.63% (Anhydrous)
<b>UV Ratios</b>	Absorptivity 1%/1cm (in 0.1N NaOH) at λ max. 575.4 nm : 800
<b>Loss on Drying</b>	4.57% (at 110°C)
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Suitability</b>	Passes test for calcium determination

**Remarks** 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**