

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22938
Product	<i>o</i>-Cresolphthalein Complexone sodium salt
Lot Number	002126-07-35
CAS Number	62698-54-8
Molecular Formula	C ₃₂ H ₃₁ N ₂ O ₁₂ Na
Molecular Weight	658.59

Appearance	Off-white powder
Clarity & Color	Clarity of solution : Clear purple solution (50 mg/mL, 1M NaOH)
Solubility	Almost clear solution (in 0.1% Ethanol)
Elemental Analysis (Found)	Nitrogen : 4.57% (Anhydrous)
UV Ratios	Absorptivity 1% / 1cm (0.1N NaOH) λ_{\max} 575.4 nm : 800
Loss on Drying	5.68% (110 °C)
Storage	Store at RT
Additional Information	Test of complexometry calcium determination : Passes test

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager