

Chem-Impex International, Inc.

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

Certificate of Analysis

Catalogue Number	22771
Lot Number	002126-05-32
Product	Alizarin complexone dihydrate

CAS Number	455303-00-1
Molecular Formula	C ₁₉ H ₁₅ NO ₈ •2H ₂ O
Molecular Weight	421.36

Appearance	Brownish yellow powder
Solubility	Clear purple solution (0.2% solution in 0.02M Sodium hydroxide)
Loss on Drying	6.5% (110 °C, 1h)
Sulfated Ash	0.31%
Storage	Store at RT
Additional Information	λ_{\max} at 426 nm (2mL of a 0.2% solution in 0.02M NaOH + 5 mL acetate buffer pH 5.1, dilute with water to 100 mL) = 0.448
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