

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00345
Lot Number	000331-23775
Product	Calmagite
CAS Number	3147-14-6
Molecular Formula	C ₁₇ H ₁₄ N ₂ O ₅ S
Molecular Weight	358.37

Appearance	Brownish black powder
Clarity & Color	Passes test
Solubility	Soluble in water.
Melting Point	330 °C
Visual Transition Range	From pH 7.1 (Red) to pH 9.1 (Blue)
Loss on Drying	8.72%
Grade	ACS reagent
Application	Indicator in titration of calcium or magnesium with EDTA.
Storage	Store at RT
Additional Information	λ_{\max} at 604 nm, Absorptivity (1%/1 cm) Ammonia bufer, pH 10.0 + 2 mL of 0.05 M EDTA Soln. = 343
Suitability	Suitability for complexometric titration: Passes test
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