

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22891
Product	Thiazole Yellow G (indicator for adsorption and fluorescence)
Lot Number	002126-65-08-32 Titan Yellow CI 19540
CAS Number	1829-00-1
Molecular Formula	C ₂₈ H ₁₉ N ₅ Na ₂ O ₆ S ₄
Molecular Weight	695.73

Appearance	Brownish yellow powder
Solubility	Clear yellow solution (0.1% distilled water)
UV Ratios	Absorptivity (1%/1cm) at λ max 405.0 nm: 555
Visual Transition Range	pH 12.0 (yellow) to pH 13.0 (red)
Loss on Drying	5.67%
Dye content	69% (Spectrophotometry)
Application	It is used as a reagent for the detection of magnesium. As an acid-base indicator.
Storage	Store at RT
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