

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22836
Lot Number	002126-1028
Product	Ethyl Orange sodium salt 4-(4-Diethylaminophenylazo)benzenesulfonic acid sodium salt
CAS Number	62758-12-7
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₃ SNa
Molecular Weight	355.39

Appearance	Orange powder
Solubility	Clear orange solution (C=0.1% in Water)
UV Ratios	Absorptivity (1%/1cm) at λ_{\max} 475.0 nm in water: 996
Visual Transition Range	From pH 3.0 (Red) to pH 4.8 (Orange-Yellow)
Loss on Drying	3.56% (110 °C/1 hour)
Dye content	> 90%
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