

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01305
Lot Number	002126-06-36
Product	Methyl red sodium salt 4-Dimethylaminoazobenzene-2'-carboxylicacid sodium salt 2-[4-(dimethylamino)phenylazo]benzoic acid sodium salt
CAS Number	845-10-3
Molecular Formula	C ₁₅ H ₁₄ N ₃ O ₂ •Na
Molecular Weight	291.28

Appearance	Yellow powder
Clarity & Color	Clarity of alcohol solution: Passes test Clarity of aqueous solution: Passes test
Solubility	Clear solution (0.1% in dist. Water)
Melting Point	179-182 °C
Visual Transition Range	pH 4.2 (Pink) to pH 6.2 (Yellow)
Loss on Drying	3.41% (110 °C, 1h)
Dye content	93.7%
Grade	ACS reagent
Application	It is used as pH indicator.
Storage	Store at RT
Additional Information	UV Absorption (1% in dist. Water) Lammda max at 430 nm: 609

Certificate of Analysis

Catalog Number: 01305

Lot Number: 002126-06-36

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager