

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	01833
Product	Bromothymol blue
Lot Number	002126-04-36 3',3''-Dibromothymolsulfonaphthalein
CAS Number	76-59-5
Molecular Formula	C ₂₇ H ₂₈ Br ₂ O ₅ S
Molecular Weight	624.4

Appearance	Pink powder
Solubility	Clear solution (0.1% in EtOH)
UV Ratios	UV Absorptivity 1%, 1 cm: (pH 5.8) at Lambda max 431.4 nm = 294 (pH 7.6) at Lambda max 616.6 nm = 511

Visual Transition Range	pH 5.8 (Yellow) to pH 7.6 (Blue)
Loss on Drying	1.82% (110 °C, 1h)
Dye content	98.2%
Grade	ACS reagent
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