

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	01223
Lot Number	002126-01-35
Product	Bromophenol blue
	3',3'',5',5''-Tetrabromophenolsulfonephthalein
CAS Number	115-39-9
Molecular Formula	C ₁₉ H ₁₀ Br ₄ O ₅ S
Molecular Weight	669.98

Appearance	Tan to orange powder
Clarity & Color	Passes test
Solubility	0.4 g in 100 mL water at 25 °C
UV Ratios	Absorptivity 1%/1 cm(on dried substance) (pH 3.1) at λ_{\max} 436.0 nm (360) (pH 4.6) at λ_{\max} 591.6 nm (981)
Visual Transition Range	pH 3.1(Greenish yellow)-4.6 (blue)
Loss on Drying	0.94% (at 110 °C, 1h)
Dye content	98.1%
Grade	ACS reagent
Application	Used as an 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