

Chem-Impex International, Inc.

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Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 01268
Lot Number 002126-01-38
Product **Thymol blue**

Thymolsulfonphthalein


CAS Number 76-61-9
Molecular Formula C₂₇H₃₀O₅S

Molecular Weight 466.6

Appearance Brownish green powder
Solubility Clear solution (95% EtOH)
UV Ratios Absorptivity 1%/1cm,
(pH 7.8) at λ max. 434.8 nm: 285
(pH 9.5) at λ max. 596.4 nm: 539
Visual Transition Range pH 1.2 (pink) to pH 2.8 (yellow)
pH 8.0 (yellow) to pH 9.2 (blue)
Loss on Drying 2.71% (110°C, 1hr)
Dye content 98%
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