



Specification

Bromothymol Blue Free Acid ACS

Catalog Number: BB1008
CAS Number: 76-59-5
Synonym(s): 3',3''-Dibromothymolsulfonephthalein
Molecular Formula: C₂₇H₂₈Br₂O₅S
Molecular Weight: 624.40

Test	Specification
Description:	Beige to light pink to light brown to red powder
Assay: (by Spectrophotometry)	95% minimum
Clarity of solution:	To pass test
Loss on drying @ 110 Deg.C/1 hour:	< 3%
Visual Transition Interval:	From pH 6.0 (yellow) To pH 7.6 (blue)
Solubility 0.1% (EtOH):	Clear yellow solution
Solubility:	Soluble in ethanol, moderately soluble in ethyl acetate and acetone, slightly soluble in acetic acid and benzene and practically insoluble in water.

Approved:

Date: April 20, 2020

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