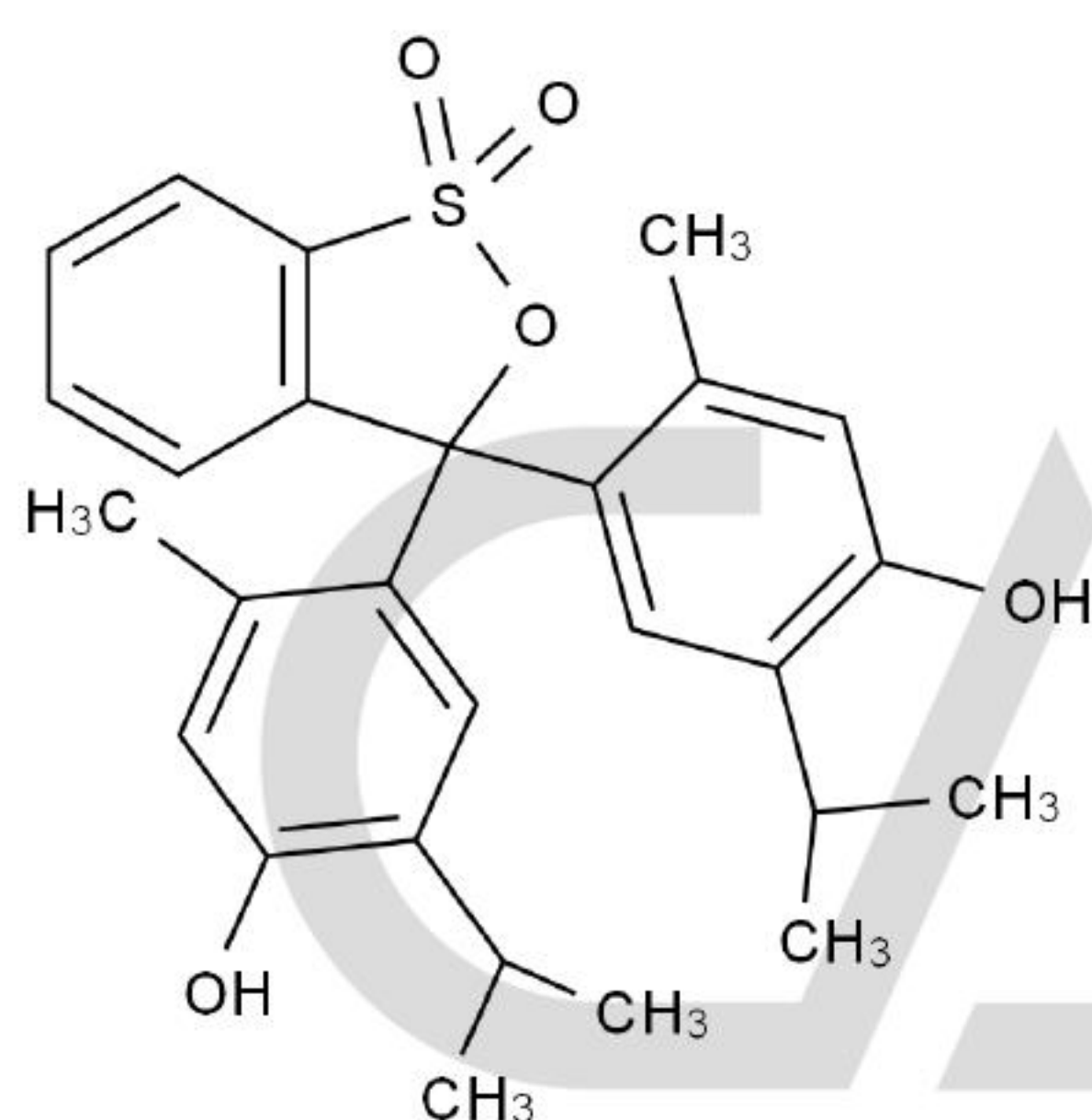


Certificate of Analysis

Reference Material & Standard

Product Name:	Thymol Blue	Catalogue Number:	CCHM703634
Synonyms:	N/A	Lot Number:	0423-RH-0011
CAS Number:	76-61-9	Expiry Date:	Apr 28, 2030
Molecular Formula:	C ₂₇ H ₃₀ O ₅ S	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	466.59	Shipping Condition:	Shipping at Room Temperature
Solubility:	Methanol	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Green Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.8%
Assay	qNMR	95.9%
Uncertainty		±0.9%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 29, 2026

Date: Apr 29, 2026

Date: Apr 29, 2026



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