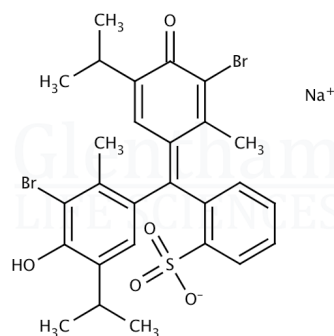


## Certificate of Analysis

Product Name Bromothymol Blue sodium salt  
Glentham Code GT8636  
CAS Number 34722-90-2  
EINECS 252-169-7  
MDL Number MFCD00077263  
PubChem SID 310269017  
Batch Number 974TBX

Molecular Weight 646.38  
Molecular Formula  $C_{27}H_{27}Br_2NaO_5S$   
Storage Temp. +20°C



Property	Specification	Batch 974TBX
Physical Description	Red to dark orange or green powder	Green powder
pH Transition Range	5.8 - 7.6 (yellow-blue)	Conforms
Solubility	0.1% in water: Clear solution	Clear solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	615 - 618 nm	615.6 nm
Absorptivity (1%/1cm)	$\geq 450$ (at $\lambda_{max}$ )	577
Loss on Drying	$\leq 5.0\%$	2.78%
Dye Content	$\geq 90.0\%$	96.1%

Specification Version v1.0  
Manufacture Date 2021-12-01  
Re-Test Date 2032-05-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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