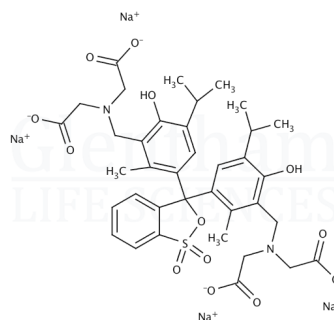


## Certificate of Analysis

Product Name	Methylthymol Blue sodium salt
Glentham Code	GT5950
CAS Number	1945-77-3
EINECS	217-743-3
MDL Number	MFCD00148905
Batch Number	188PKY

Molecular Weight	844.76
Molecular Formula	$C_{37}H_{40}N_2Na_4O_{13}S$
Storage Temp.	+20°C



Property	Specification	Batch 188PKY
Physical Description	Dark green or brown-black powder	Dark green powder
Solubility (0.1% in water)	Clear to very faintly turbid solution	Clear, solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	430.0 - 445.0 nm	444nm
Absorptivity (1%/1cm)	Reported at at $\lambda_{max}$	173
Loss on Drying	$\leq 10\%$ (1h, 110°C)	4.86%
Suitability as a metal indicator	To pass test	Conforms

Specification Version	v1.1
Manufacture Date	2017-12-11
Re-Test Date	2031-10-26

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025