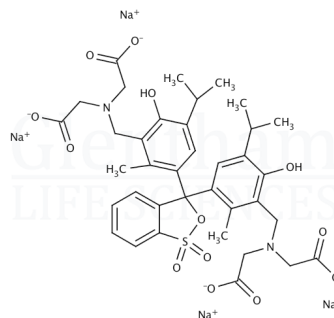


Certificate of Analysis

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 (λ_{max})	430.0 - 445.0 nm	444nm
Absorptivity (1%/1cm)	Reported at at λ_{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 or contact us using the details above for the current version of this document.

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