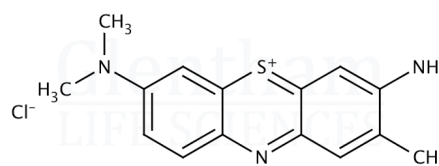


Certificate of Analysis

Product Name	Toluidine Blue (C.I. 50240)
Glentham Code	GT7960
CAS Number	92-31-9
EINECS	202-146-2
Colour Index	50240
MDL Number	MFCD00011934
Batch Number	970SCX

Molecular Weight	305.83
Molecular Formula	$C_{15}H_{16}ClN_3S$
Storage Temp.	+20°C



Property	Specification	Batch 970SCX
Physical Description	Dark blue-purple crystalline powder	Conforms
Solubility (0.1% in water)	Clear, blue solution	Clear, blue solution
Wavelength of Maximum Absorption	628.0 - 633.0 nm (in water)	631.0 nm
Absorptivity	≥ 1050 (E1%, 1cm cell, water, at Lambda max)	1364
Loss on Drying	≤ 8.0% (110°C)	4.68%

Specification Version	v1.1
Manufacture Date	2023-02-01
Re-Test Date	2033-04-19

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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