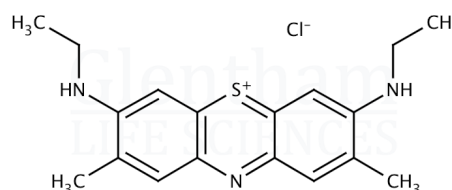


Certificate of Analysis

Product Name	New Methylene Blue (C.I. 52030)
Glentham Code	GT3530
CAS Number	1934-16-3
Colour Index	52030
PubChem SID	310277723
Batch Number	524XZK
Molecular Weight	347.91
Molecular Formula	$C_{18}H_{22}ClN_3S$
Storage Temp.	+20°C



Property	Specification	Batch 524XZK
Physical Description	Dark green to dark brown powder or crystals	Dark brown crystalline powder
Identification (IR)	To conform to standard	
Wavelength of Maximum Absorption (λ_{max1})	626 - 634 nm	631nm
Wavelength of Maximum Absorption (λ_{max2})	586 - 594 nm	591nm
Extinction Coefficient	≥ 29000 (λ_{max1})	30036
Extinction Coefficient	≥ 30500 (λ_{max2})	33696
Assay (UV)	$\geq 70.0\%$	72%

Specification Version	v1.0
Manufacture Date	2021-08-20
Re-Test Date	2032-04-01

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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