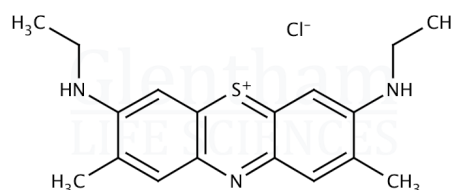


Product Specification

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



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

Specification Version	- v1.0
Date Created	- 2022-01-20

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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