

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

## **Product Specification**

Product Name Methyl Blue (C.I. 42780)

 Glentham Code
 GT6506

 CAS Number
 28983-56-4

 EINECS
 249-352-9

 Colour Index
 42780

MDL Number MFCD00058509
PubChem SID 310276613

Molecular Weight 799.80

 $\text{Molecular Formula} \qquad \qquad \text{C}_{37} \text{H}_{27} \text{N}_3 \text{Na}_2 \text{O}_9 \text{S}_3$ 

Storage Temp. +20°C

Loss on Drying

O NA\*

NH

NH

NA\*

Property Specification

Physical Description

Dark blue to dark brown crystalline powder

Solubility (0.1% in water)

Clear blue solution

Absorptivity (1%/1cm)

≥ 550

≤ 7.0%

Specification Version - v1.0

Date Created - 2017-08-03

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.

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

Page 1 of 1 Printed: 2025-05-05 14:49:00