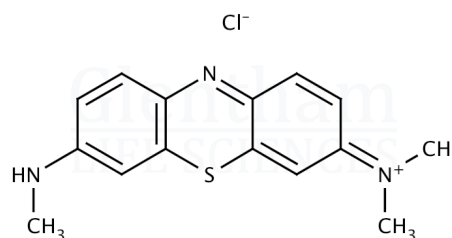


Certificate of Analysis

Product Name Azure B (C.I. 52010)
Glentham Code GT6233
CAS Number 531-55-5
EINECS 208-511-2
Colour Index 52010
MDL Number MFCD00011935
PubChem SID 310267235
Batch Number 294DLT

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



Property	Specification	Batch 294DLT
Physical Description	Brown to dark green or black powder	Brown powder
Solubility (0.1% in water)	Clear, blue solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	~645nm	649.4nm
Absorptivity	≥ 1500 (1%, 1cm cell, λ_{max})	1636
Loss on Drying	$\leq 8.0\%$ (1h, 110°C)	3.89%
Assay (spectrophotometry)	$\geq 75.0\%$	81.8%

Specification Version v1.0
Manufacture Date 2015-05-01
Re-Test Date 2027-07-10

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