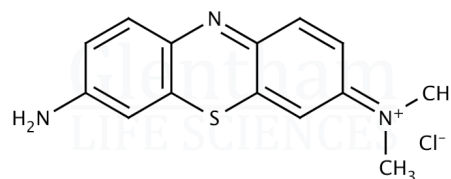


Certificate of Analysis

Product Name Azure A (C.I. 52005)
Glentham Code GT4045
CAS Number 531-53-3
EINECS 208-510-7
Index des couleurs 52005
Numéro MDL MFCD00012112
PubChem SID 310267234
Batch Number 897TCA

Molecular Weight 291.80
Molecular Formula $C_{14}H_{14}ClN_3S$
Storage Temp. +20°C



Property	Specification	Batch 897TCA
Physical Description	Green to dark green-black powder	Dark green-black powder
Solubility (0.1% in water)	Clear, blue to dark blue-purple solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	629.0 - 635.0 nm	632.2nm
Absorptivity (1%/1cm)	≥ 1100	1366
Loss on Drying	$\leq 10.0\%$ (110°C)	4.56%
Dye Content (Spectrophotometry)	$\geq 75.0\%$	97.6%

Specification Version v1.0
Manufacture Date 2017-05-01
Re-Test Date 2028-05-09

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