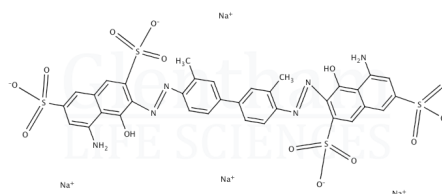


Certificate of Analysis

Product Name Trypan Blue (C.I. 23850)
Glentham Code GT3970
CAS Number 72-57-1
EINECS 200-786-7
Colour Index 23850
MDL Number MFCD00003969
PubChem SID 310281477
Batch Number 011KYN

Molecular Weight 960.82
Molecular Formula $C_{34}H_{24}N_6Na_4O_{14}S_4$
Storage Temp. +20°C



Property	Specification	Batch 011KYN
Physical Description	Dark green, brown or black powder	Black powder
Identification (IR)	To conform to standard	Conforms
Solubility (1% in water)	Clear, blue to dark blue solution	Clear, blue solution
Wavelength of Maximum Absorption (λ_{max})	602.0 - 608.0 nm (in methanol)	602.9nm
Absorptivity (1%/1cm)	≥ 650	755
Loss on Drying	$\leq 10.0\%$	6.60%
Dye Content	$\geq 65.0\%$	72.6%

Specification Version v1.2
Manufacture Date 2022-03-01
Re-Test Date 2023-05-12

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, 2024