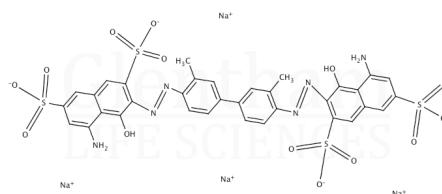


## Certificate of Analysis

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 ( $\lambda_{max}$ )	602.0 - 608.0 nm (in methanol)	602.9nm
Absorptivity (1%/1cm)	$\geq 650$	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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