



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Trypan blue

Synonym	: Direct blue 14
Molecular Formula	: $C_{34}H_{24}N_6Na_4O_{14}S_4$
Molecular Weight	: 960.81
CAS No.	: 72-57-1
Colour Index No.	: 23850
Shelf Life	: 5 years

Technical Specification

Appearance	: Green to blue to brown to black crystals or powder
Solubility	: 20 ppm solution in water yields dark blue clear solution
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima (20 ppm in water)	: 583 - 593 nm
Dye content	: ~60.0%