

## 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%