

## Trypan blue, Cell Culture Tested

**TC193**


### Product Identifier

CAS No.	:	72-57-1
EC No.	:	200-786-7
C.I. No.	:	23850
Molecular Formula	:	$C_{34}H_{24}N_6O_{14}S_4Na_4$
Molecular Weight	:	960.81
HS Code	:	3212 90 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Green to blue to brown to black crystals or powder
Solubility	:	1) 0.5gm in 100ml TL1006 2) 0.85% normal saline
pH (0.5% solution in DPBS)	:	7.20 - 7.80
Osmolality in mOsm/Kg H <sub>2</sub> O (0.5% solution in DPBS)	:	280.00 - 320.00
Viability	:	85.00 - 100.000%
Dye content	:	~ 70%
Loss on drying (at 105°C, 1 hr)	:	<= 10%
Cell Culture Test	:	Passes

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H350
Precautionary Statement(s)	:	P201- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	QJ6475000
WGK	:	3