



Product Specification

Product Name	Trypan Blue (C.I. 23850)
Code	AFG-GLT-00006
CAS Number	72-57-1
EINECS	200-786-7
Colour Index	23850
MDL Number	MFCD00003969
PubChem SID	310281477

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

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



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