



SPECIFICATION SHEET

Product Name : Toluidine blue O, (C.I.52040) for microscopy
Product Number : 973.D01
Brand : ISOLAB
CAS Number : 92-31-9
Formula : $C_{15}H_{16}ClN_3S$
Formula Weight : 305.82 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	Dark green to very dark green or and black green powder	
Dye content (by spectrophotometry)	≥ 80 %	%
Absorption maximum in water	628 - 633 nm	nm
Absorptivity (0.005 g/l in H ₂ O)	≥ 1200	
Solubility (0.1%, water)	Clear solution	
Loss on drying (110°C)	≤ 8 %	%

Quality Management
Isolab Laborgerate GmbH

