



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

