



## Specification

### Toluidine Blue O

**Catalog Number:** TB1001  
**CAS Number:** 92-31-9  
**Synonym(s):** Basic Blue 17, Blutene chloride, Methylene Blue T50, Tolonium chloride  
**Molecular Formula:**  $C_{15}H_{16}ClN_3S$   
**Molecular Weight:** 305.83  
**Storage:** 15°C – 30°C  
**Retest Date:** One year after date of manufacture.

Test	Specification
Appearance	Dark green to black powder
Absorptivity ( $\lambda$ 630nm)	$\geq 1200$
Spectroscopy (0.01mg/ml) 287-293nm 625-635nm	Report
Moisture (LOD)	$\leq 8.0\%$
Solubility (0.1% H <sub>2</sub> O)	Clear blue solution

Approved by:

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