



**GMP & ISO 9001 Quality System Certified Organization**  
**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

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## CERTIFICATE OF ANALYSIS

**Name of Item:** TOLUIDINE BLUE (M.S.)  
(C.I. No. 52040)

**Formula:** C<sub>15</sub>H<sub>16</sub>ClN<sub>3</sub>S

**M.W.:** 305.83

**Batch No.:**

**CAS NO.:** 92-31-9

**Cat. No.:** UP4217

**Date of Mfg.:**

**Date of Analysis:**

Type of Test	Standard	Observed
Description		
Dye content (Spect.)	Min 85%	85.2%
Absorption Maxima (in wat	628 – 633 nm	629 nm
Absorptivity (0.005 g/l in water,		
at $\lambda$ maximum)	Min 1200	1221
Loss on drying at 110°C	<8.0%	4.1%

**Results :** The above product complies with LR grade