CERTIFICATE OF ANALYSIS

PRODUCT NAME : TOLUIDINE BLUE FOR MICROSCOPY

CAS No	**: 92-31-9**	**Product code**	**: 19600**
Mol. Formula	**: $C_{15}H_{16}ClN_3S$**	**Batch No**	**: MCR-29117**
Mol. WT	**: 305.83**	**Mfd.**	**: Aug. 2023**
Date of analysis	**: 31/08/23**	**Exp.**	**: July 2028**

S. R	Test	Specification	Observation
1	**Description**	Dark green , Blackish green or dark brown powder.	Dark Green Powder.
2	**Dye content (by spectrophotometry)**	80 % min	92.33%
3	**Absorption maximum (in water)**	620-638 nm	631.8nm
4	**Solubility (0.1% in water)**	Clear solution	Passes test
5	**Absorptivity (1%/1cm; at λmax; 0.005 g/L in water)**	1200 min	1385
6	**Loss on drying (110^0C)**	8% max	4.40%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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