

CERTIFICATE OF ANALYSIS

Product:	Toluidine Blue C.I. 52040
Catalog Number:	6586-04-5
Molecular Weight:	305.83
Molecular Formula:	C₁₅H₁₆N₃S
Lot No.:	150207
Expiry Date:	01/2028
Storage:	Room temperature, dry, -tightly closed container.

TESTS	SPECIFICATIONS	RESULTS
<i>Description</i>	Dark green to black powder	Dark greenish black powder
<i>Dye content (by spectrophotometry)</i>	65% minimum	80%
<i>Absorptivity 1%/1cm at Lambda max. 632.8 nm</i>	> 1200	1468
<i>Spectroscopy</i>		Peak 633 nm, ratio 1.05 @ 618/648nm Density at peak 0.752
<i>Loss on drying</i>	8.0% maximum	6.54%
<i>Solubility (0.1% dist. water)</i>	Clear blue solution	Passes Test

洪倩
Quality Inspector