



CERTIFICATE OF ANALYSIS

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| Product | Toluidine blue O |
| Grade | Indicator |
| Product Code | TB0962(D0528) |
| Formula | $C_{15}H_{16}N_3SCl$ |
| MW | 305.84 |
| CAS# | 92-31-9 |
| Lot No | |

| Test Items | Specifications | Results |
|-------------------------------|----------------------------|---------|
| Appearance | Dark-green to black powder | |
| Assay | $\geq 50.0\%$ | |
| Lambda max. | 626nm | |
| Loss on drying | $\leq 8.0\%$ | |
| Solubility (0.1% dist. Water) | Clear blue solution | |

Storage: 18~25°C