

Specification

Technical Data Sheet

CAS	SPECIFICATION	STORAGE	MOLECULAR WEIGHT
92-31-9	v1 · 06 Oct 2026	Ambient	960.80

PRODUCT

Toluidine Blue Powder C.I. 50240

Product number	90028167
CAS number	92-31-9
Molecular formula	C15H16ClN3S
Molecular weight	960.80 g/mol

PARAMETER	SPECIFICATION
Appearance	Dark green to very dark green/blackish powder
Loss on Drying	≤8.0% (@110°C)
Absorption maxima	628 – 633 nm (in water)
Absorptivity	≥1200 (1%/1cm; at I max; 0.005 g/L in water)
Dye Content	≥80.0%
Solubility	Clear solution (in 0.1% water)

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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