

Specification

Technical Data Sheet

CAS 61-73-4	STORAGE Ambient	MOLECULAR WEIGHT 319.85
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PRODUCT**Methylene Blue Zinc Free 82%**

Product number	90037152
CAS number	61-73-4
Molecular formula	C ₁₆ H ₁₈ CIN ₃ S
Molecular weight	319.85 g/mol

PARAMETER	SPECIFICATION
Appearance	Dark blue, crystalline powder with a copper coloured sheen or green crystals with a bronze coloured sheen
Loss on Drying	(@105°C) 8.0-22.0%
Melting Point	188 - 192°C
Absorption maxima	(in 50% ethanol) 660 - 665 nm
Dye Content	≥82.0%
Solubility	Soluble in water
Specific absorptivity	(λ _{max} 0.003g/l in ethanol) 2250-2750

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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