

1607 – METHYLENE BLUE, EXTRA PURE

REF NO: TBL/QA/SS/LC/1607	STANDARD SPECIFICATION FOR METHYLENE BLUE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
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PRODUCT PROPERTIES

C.A.S Number	61-73-4
Chemical Formula	C ₁₆ H ₁₈ N ₃ SCI
Formula weight	319.18
Functional Uses	Methylene Blue, 1% w/v aqueous solution is used as a dye in different staining procedures viz. Wright's stain and Jenner's stain. It also serves as an indicator and medicine.
Standard Packaging	25 gm., 100 gm. & 1 kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A Dark orange/green powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Dye content	NLT – 82.0%
Absorption	662 – 665 nm
Loss on drying	NMT – 15.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

