

Department: Quality Control

Document No: LCPL/QSD/QAD/11

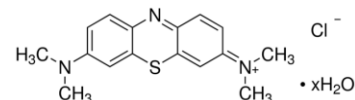
SOP No.: SOP/QC/11-M054

SPECIFICATION : METHYLENE BLUE HYDRATE LR

Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	$C_{16}H_{18}ClN_3S \cdot xH_2O$
2	Product code	M054
3	Molecular weight	319.85
4	CAS No	61-73-4
5	Risk Statement No	22-41
6	Safety Statement No	26-39
7	UN No.	UN2811



PACKING DETAILS

	Product code	Pack size
1	M05405	25g
	M05407	100g

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Dark green fine crystalline powder
2	Clarity	Solution of 0.1 g in 100 mL water is clear.
3	Absorption maxima in water	Between 663 nm and 667 nm
4	TLC	Passes test
5	Suitability for microscopy	Passes test
6	Loss on drying	Not More Than 15.0%
7	Sulphated ash	Not More Than 5.0%

SAFETY SYMBOLS



Harmful / Irritant