

Department: Quality Control

Document No: LCPL/QSD/QAD/11

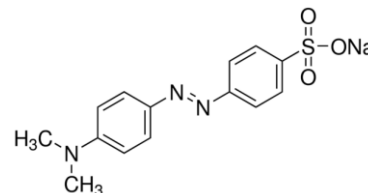
SOP No.: SOP/QC/11-M050

SPECIFICATION : METHYL ORANGE LR

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

1	Molecular Formula	C ₁₄ H ₁₄ N ₃ NaO ₃ S
2	Product code	M050
3	Molecular weight	327.33
4	CAS No	547-58-0
5	Risk Statement No	10
6	Safety Statement No	16-24/25
7	UN No.	UN3143



PACKING DETAILS

	Product code	Pack size
1	M05005	25g
	M05007	100g
	M05011	1Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Orange red powder or crystalline powder
2	Clarity	Solution of 0.1 g in 100 mL warm water is clear.
3	Absorption maxima at Ph 3.1	Between 497nm and 508 nm
4	Absorption maxima at Ph 4.4	Between 463nm and 471 nm
5	Sensitivity	Passes test
6	Loss on drying	Not more than 5.0%

SAFETY SYMBOLS



Toxic