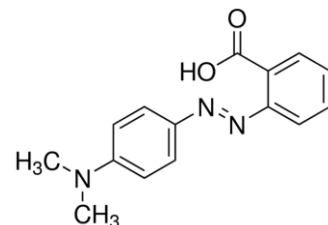


Department: Quality Control
Document No: LCPL/QSD/QAD/11
SOP No.: SOP/QC/11-M052
SPECIFICATION : METHYL RED LR

Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	(CH ₃) ₂ NC ₆ H ₄ N=NC ₆ H ₄ CO ₂ H
2	Product code	M052
3	Molecular weight	269.30
4	CAS No	493-52-7
5	Risk Statement No	10-20/21/22-68
6	Safety Statement No	36/37
7	UN No.	UN1170


PACKING DETAILS

	Product code	Pack size
1	M05205	25g
	M05207	100g
	M05211	1Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Maroon red colour crystals
2	Clarity	Solution of 0.1 g in 100 mL warm alcohol is clear.
3	Absorption maxima at Ph 4.5	Between 516nm and 525 nm
4	Absorption maxima at Ph 6.3	Between 412nm and 432 nm
5	pH range 4.2 – 6.3 (Pink to yellow)	Passes test
6	Sensitivity	Passes test
7	Sulphated ash	Not more than 0.5%

SAFETY SYMBOLS