

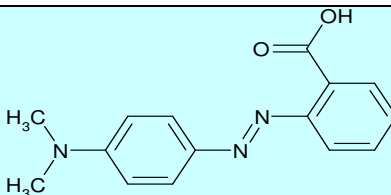


SDFCL
s d fine-chem limited
Quality Control Dept.



C Product Specification

E Control	QC2\DATAD\D:\PS\30067XPS.xls
PRODUCT CODE	30067
PRODUCT NAME	METHYL RED ACS, REAG. PH. EUR. (pH Indicator)
SYNONYMS	--
C.I. NO.	13020
CASR NO.	(493-52-7)
ATOMIC OR MOLECULAR FORMULA	C ₁₅ H ₁₅ N ₃ O ₂
ATOMIC OR MOLECULAR WEIGHT	269.30
PROPERTIES	Almost insoluble in water. Soluble in alcohol and in acetic acid.



PARAMETER	LIMIT
Description	Red, dark red, maroon or violet powder.
Identification (UV-VIS Spectrum)	Passes test.
Absorption maximum λ_1 (pH 4.5) λ_1 (pH 6.2)	523-526 nm 427-437 nm
Absorptivity (on dried sub.) (A1%/1cm at λ_1 max pH 4.5) (A1%/1 cm at λ_2 max pH 6.2)	1330 - 1430 700 - 800
Clarity of alcohol solution	Passes test.
Visual Transition Interval	From pH 4.2 - pink to pH 5.5 - Orange to pH 6.2 - yellow
Melting point	179 - 182°C
Loss on drying (at 110°C)	Max. 5.0%
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ---- Response : --- Disposal : ----	IMDG Code : -- UN No. : -- IATA : --
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Hazard Pictogram(s) :--

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. :1554
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