



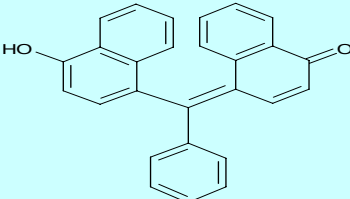
SDFCL
s d fine-CHEM limited



Quality Control Dept.

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Product Specification

E Control	QC2\DATAD\ID\PS\20075XPS.xls		
PRODUCT CODE	20075		
PRODUCT NAME	1-NAPHTHOLBENZEIN (Indicator) (Reagent USP/BP/Ph.Eur.)		
SYNONYMS	(p-Naphtholbenzein , α-Naphtholbenzein)		
C.I. NO.	--		
CASR NO.	(145-50-6)		
ATOMIC OR MOLECULAR FORMULA	C ₂₇ H ₁₈ O ₂		
ATOMIC OR MOLECULAR WEIGHT	374.44		
PROPERTIES	--		
			
PARAMETER	LIMIT		
Description : --	Brownish red powder or shiny brownish black crystal		
Solubility :	Insoluble in water. Soluble in alcohol, benzene, Ether & Glacial Acetic acid.		
Identity (By FTIR)	Confoms		
Absorption maximum λ max. (HClO ₄ 0.1 Mol/l in acetic acid)	622 – 626 nm		
Specific absorptivity[(A 1% 1 cm (λ max =0.005 g/l).acetic per chloric acid(0.1 m/l)] calculatd on	640 - 950.		
Transition range :	pH 8.8 to 10.0 Orange to green.		
Loss on drying (at 105°C)	Max. 5.0%		
MAXIMUM LIMIT OF IMPURITIES			
Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: --- Disposal: -----			IMDG Code : -- UN No. : -- IATA : --
Hazard Pictogram(s) :--			
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 24.12.2014	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 24.12.2014	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 31.12.2014	Issue Date : 20/12/2002 Revision No.: 03 Revision dt. : 31.12.2014 AMEND NO. :1661