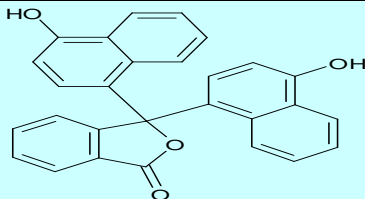




SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



(Product Specification

E Control	QC2\DATAD\ID\PS\30076XPS.xls		
PRODUCT CODE	30076		
PRODUCT NAME	α-NAPHTHOLPHTHALEIN pH INDICATOR		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(596-01-0)		
ATOMIC OR MOLECULAR FORMULA	C ₂₈ H ₁₈ O ₄		
ATOMIC OR MOLECULAR WEIGHT	418.45		
PROPERTIES	Practically insoluble in water.Soluble in alcohol.		
			
PARAMETER	LIMIT		
pH Transition Range	pH 7.1 - 8.3 Pink brownish - Blue		
Absorption maximum λ1 (pH 7.1) λ2 (pH 8.3)	472 - 477 nm 649 - 654 nm		
Absorptivity (A1% / 1 cm at λ1 (pH 7.1);on dried substance)	100 - 150		
Absorptivity (A1% / 1 cm at λ(pH 8.3);on dried substance)	320 - 420		
Loss on drying (at 110 °C)	< 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: ---			IMDG Code : -- UN No. : -- IATA : --
Disposal: ----			
Hazard Pictogram(s) :--			
Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

