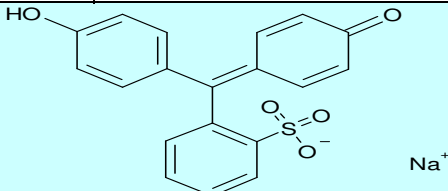




SDFCL
s d fine-CHEM limited
Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\ID:PS\30091XPS.xls		
PRODUCT CODE	30091		
PRODUCT NAME	PHENOL RED SODIUM SALT (W.S.) pH INDICATOR		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(34487-61-1)		
ATOMIC OR MOLECULAR FORMULA	C ₁₉ H ₁₃ NaO ₅ S		
ATOMIC OR MOLECULAR WEIGHT	376.36		
PROPERTIES	--		
			
PARAMETER	LIMIT		
pH Transition Range	pH 1.2 - 3.0 Brownish orange - Yellow		
pH Transition Range	pH 6.5 - 8.0 Brownish orange - Red violet		
Clarity of solution	To pass the test.		
Absorption max.	\ 1(pH 1.2)503 - 506 nm \ 2 (pH 3.0)430 - 435 nm \ 3 (pH 6.5)430 - 435 nm \ 4 (pH 8.0)557 - 560 nm		
Absorptivity (on dried subs.)	(A1%/1 cm at \ 1(pH 1.2)880 - 950 \ 2(pH 3.0)560 - 620 \ 3(pH 6.5)560 - 620 \ 4(pH 8.0)970 - 1100		
Loss on drying at 110°C	Max. 1.0%		
Sensitivity	To pass the test.		
MAXIMUM LIMIT OF IMPURITIES			
--	--		
Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ---- Response : ---			IMDG Code : -- UN No. : -- IATA : --
Disposal : The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.			
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

