

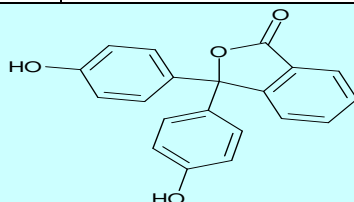


SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



C Product Specification

E Control	QC2\DATAD\D:PS\30089XPS.xls
PRODUCT CODE	30089
PRODUCT NAME	PHENOLPHTHALEIN pH INDICATOR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(77-09-8)
ATOMIC OR MOLECULAR FORMULA	C ₂₀ H ₁₄ O ₄
ATOMIC OR MOLECULAR WEIGHT	318.33
PROPERTIES	--



PARAMETER	LIMIT
Minimum Assay (on dried subs.)	98.0%
Melting Point	261 – 263 °C
pH Transition Range	pH 8.2 - 9.8 Colourless - red violet
Absorption maxima (in pH 9.8)	551 - 554 nm
Clarity of solution	To pass the test.
Absorptivity (A1% / 1cm at \ (pH 9.8); on dried substance)	700 - 750
Loss on drying (at 110 °C)	Max.1.0%
Sulphated ash	Max. 0.1%
Sensitivity	To pass the test.
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.01%
Sulphate	0.01%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Suspected of causing cancer

Precautionary statements

Prevention: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use.

Response: If exposed or concerned: Get medical attention advice.

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) :



Aspiration hazard

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
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