

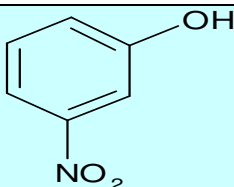


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20897XPS.xls
PRODUCT CODE	20897
PRODUCT NAME	3-NITROPHENOL INDICATOR AR
SYNONYMS	(m-Nitrophenol)
C.I. NO.	--
CASR NO.	(554-84-7)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₅ NO ₃
ATOMIC OR MOLECULAR WEIGHT	139.11
PROPERTIES	Soluble in hot and dilute acids, in caustic solutions. Insoluble in petroleum ether.



PARAMETER	LIMIT
Description	Pale yellow to yellow brown crystalline powder.
Solubility	Soluble in alcohol.
Identification (By FTIR)	Conforms
Minimum Assay (GC)	99.0%
Absorption maximum λ 1 pH 6.6	330 - 333 nm
Absorption maximum λ 2 pH 8.6	390 nm
Absorptivity (A1% / 1 cm λ 1 pH 6.6)	130 -150
Absorptivity (A1% / 1 cm λ 2 pH 8.6)	70 – 90
pH Transition Range	pH 6.6 - 8.6 Almost colourless - Yellow
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : Assay (if applicable) method mentioned.

DANGER Hazard statements : Toxic if swallowed.Causes mild skin irritation. Causes serious eye irritation Precautionary statements Prevention : Wash hands thoroughly after handling.Do not eat, drink or smoke when using this product. Response : If skin irritation occurs, seek medical advice/attention.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.If eye irritation persists, get medical advice/attention. Wear eye/face protection.IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.Specific treatment: refer to Label or MSDS.	IMDG Code :6.1/III UN No. :1663 IATA :6.1
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :--



Acute toxicity

Prepared By :	Checked By:	Approved By:	Issue Date : 19.12.2002
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

