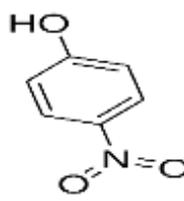


## p-NITRO PHENOL INDICATOR AR

<b>PRODUCT CODE</b>	<b>309785</b>	
<b>SYNONYMS</b>	<b>(p-Nitrophenol)</b>	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(100-02-7)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>5</sub>NO<sub>3</sub></b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>139.11</b>	
<b>PROPERTIES</b>	<b>Slightly volatile with steam. Freely soluble in alcohol, chloroform, ether.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White to yellow to brown crystals/crystalline powder or chunks.	
Solubility	2% solution in hot water should be clear.	
Identification (By FTIR)	Conforms	
Minimum Assay (By GC)	99.0%	
Melting Point	110° - 115°C	
pH Transition Range	pH 5.4 - 7.5 Colourless - Yellow	
Absorptivity (A1% 1cm /pH 7.5)	960 - 1100	
Absorptivity (A1% 1cm / pH 5.4)	700 - 750	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Absorption maximum λ pH 5.4	316 - 320 nm	
Absorption maximum λ pH 7.5	398 - 402 nm	
Residue on ignition (as SO <sub>4</sub> )	0.05%	
Water (By KF)	1.0%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b> <b>Hazard statements :</b> Harmful if swallowed. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace. <b>Response:</b> If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse.		IMDG Code : 6.1/III UN No. : 1663 IATA : 6.1
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.		
<b>Hazard Pictogram(s) :-</b>		
 		
GHS07                      GHS08		

Replace date 17-June-2023