



## PHENOL SOLUTION FOR MOLECULAR BIOLOGY SATURATED WITH 0.1 M CITRATE BUFFER, pH 4.1-4.5 SUITABLE FOR RNA PURIFICATION

<b>PRODUCT CODE</b>	<b>875040</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	--	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>6</sub>O</b>	<b>C<sub>6</sub>H<sub>6</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>94.11</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A liquid mixture, capped with a layer of buffer.	
pH (Tested at 25° C)	4.1-4.5	
Concentration	0.09-0.11 M	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
UV Absorbance 330nm	0.2	
UV Absorbance 405nm	0.1	
UV Absorbance 510nm	0.1	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b>		IMDG Code :-- UN No. :-- IATA :--
<b>Hazard statements:</b> Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.		
<b>Precautionary statements</b> <b>Prevention:</b> Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.		
<b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.		
<b>Hazard Pictogram(s) :</b>		
 		
GHS05                      GHS06		

Replace date 20-June-2023