


Specification

**Phenol non-stabilized : Chloroform : Isoamyl Alcohol 25 : 24 : 1 + separate Tris solution**

**A2489**

<b>Physical Description:</b>	Liquid
<b>Product Code:</b>	A2489
<b>Product Name:</b>	Phenol non-stabilized : Chloroform : Isoamyl Alcohol 25 : 24 : 1 + separate Tris solution
<b>Short Description:</b>	additional product description: without 0.1 % 8-Hydroxyquinoline
<b>Specifications:</b>	<p>pH (20°C): approx. 5.0</p> <p>Heavy metals: max. 0.0005 %</p> <p>Water (K.F.): approx. 5 %</p> <p>Stability: approx. 9 months</p> <p><b>Composition:</b></p> <p>Chloroform: 480 ml/L</p> <p>Isoamyl Alcohol: 20 ml/L</p> <p>Phenol liquid: 500 ml/L</p>
<b>Hazard pictograms</b>	
<b>UN:</b>	2810
<b>Class/PG:</b>	6.1/II
<b>ADR:</b>	6.1/II
<b>IMDG:</b>	6.1/II
<b>IATA:</b>	6.1/II

**AppliChem GmbH**

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<b>WGK:</b>	3
<b>Storage:</b>	2-8°C protected from light
<b>Signal Word:</b>	Danger
<b>GHS Symbols:</b>	GHS05 GHS06 GHS08 GHS09
<b>H Phrases:</b>	H301+H311+H331 H314 H341 H351 H361d H372 H411
<b>P Phrases:</b>	P280b P301+P330+P331 P305+P351+P338 P309+P311
<b>CS:</b>	38220000
<b>Comment</b>	<p>The separate Tris buffer solution (25 ml, 75 ml or 125 ml Tris buffer for 100 ml, 250 ml or 500 ml phenol/CHCl<sub>3</sub>/Isoamyl alcohol, respectively) is used for the equilibration of the phenol. By using different quantities of the buffer, corresponding pH values (between 6.8 and 8.0) can be adjusted before use. The specification applies to the Phenol \: Chloroform \: Isoamylalcohol - Mixture. <b>Example\:</b> 100 ml Phenol \: Chloroform \: Isoamyl alcohol (A2489) \+ ml Tris buffer result in a pH (20°C) of\:</p> <p>5 ml pH 7.38 ± 0.110 ml pH 7.59 ± 0.115 ml pH 7.76 ± 0.120 ml pH 7.87 ± 0.125 ml pH 7.96 ± 0.1</p>

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