


Specification

Phenol water-saturated, non-stabilized + separate Tris - Solution

A0444

Physical Description:	Liquid
Product Code:	A0444
Product Name:	Phenol water-saturated, non-stabilized + separate Tris - Solution
Short Description:	additional product description: without 0.1 % 8-Hydroxyquinoline; with separate Tris buffer (A2492) for pH adjustment
Specifications:	<p>Assay (titr.): approx. 75 %</p> <p>pH (20°C): 4.0</p> <p>Heavy metals: max. 0.0005 %</p> <p>Water (K.F.): approx. 25 %</p> <p>Stability: approx. 12 months</p>
Hazard pictograms	
UN:	2821
Class/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	2

AppliChem GmbH

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Storage:	2-8°C protected from light under argon
Signal Word:	Danger
GHS Symbols:	GHS05 GHS06 GHS08 GHS09
H Phrases:	H301+H311+H331 H314 H341 H373 H411
P Phrases:	P280 P301+P330+P331 P302+P352 P305+P351+P338 P309 P310
CAS:	108-95-2
EINECS:	203-632-7
CS:	29071100
Index Nr.:	604-001-00-2

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Comment

This "Phenol water-saturated, non-stabilized" is shipped along with a separate 250 ml of Tris buffer solution. This Tris buffer is used for the equilibration of the phenol. There are two main advantages for the use of separate phenol and Tris buffer solutions: (i) the shelf life of acidic phenol is higher as compared to phenol solutions at neutral pH values. Therefore we recommend to adjust the pH value fresh before use. (ii) This two-parts product allows the application in a wide range of pH values. By using different amounts of the Tris buffer, corresponding pH values (between 6.6 and 7.5) can be adjusted before use. **Example**: 100 ml Phenol water-saturated + x ml Tris - Solution results in pH of: 10 ml pH 6.50 ± 0.1 20 ml pH 6.88 ± 0.1 30 ml pH 7.15 ± 0.1 40 ml pH 7.35 ± 0.1 50 ml pH 7.48 ± 0.1 ...at 20°C.

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