


Specification

Phenol liquid non water-saturated, non stabilized *BioChemica*

A3276

Physical Description:	Liquid
Product Code:	A3276
Product Name:	Phenol liquid non water-saturated, non stabilized <i>BioChemica</i>
Short Description:	usage: for RNA-isolation
Specifications:	<p>Assay: approx. 90 %</p> <p>pH (20°C): approx. 4.0</p> <p>Heavy metals: max. 0.0005 %</p> <p>Insoluble matter: passes test</p> <p>Water (K.F.): approx. 9 %</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
Storage:	2 - 8°C

AppliChem GmbH

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	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:	P260 P280 P303+P361+P353 P304+P340 P305+P351+P338 P310
CAS:	108-95-2
EINECS:	203-632-7
CS:	29071100
Index Nr.:	604-001-00-2
Comment	Phenol will take up approx. 25 % water, if water-saturated. This phenol only contains approx. 9 % of water. Therefore, a lot of water will be taken up from the aqueous, RNA-containing sample during RNA extraction. The advantage of the water-uptake is a reduction of the sample volume (concentration of the RNA). It might be a disadvantage, if the sample already contains high salt concentrations, because salt will be concentrated too.

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