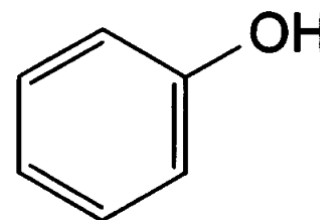


## PRODUCT      Phenol Ph. Eur. (Crystals)

CAS NO [108-95-2]

### SYNONYMS

Carbolic Acid; Hydroxybenzene; Oxybenzene; Phenic Acid; Phenolum; Phenyl Hydrate; Phenyl Hydroxide; Phenylic Acid; Phenylic Alcohol



### CHARACTERS

Colourless or faintly pink or faintly yellowish, crystals or crystalline masses, deliquescent. Soluble in water, very soluble in ethanol (96%), in glycerol and in methylene chloride.

TEST	SPECIFICATION
<b>Content</b>	99.0% to 100.5%
<b>Identification</b>	Complies with EP/BP tests
<b>Appearance of solution</b>	Solution S is clear and not more intensely coloured than reference solution B <sub>6</sub>
<b>Acidity</b>	The solution is yellow
<b>Freezing point</b>	Minimum 39.5°C
<b>Residue on evaporation</b>	Maximum 0.05%

**ENQUIRY**

## PRODUCT      Phenol Liquefied BP (80%)

**SYNONYMS**                      Phenol Liquid; Liquefied Phenol; Liquefied Phenol 80%; Phenol Solution; Phenol Solution 80%;

**CHARACTERISTICS**              A colourless or faintly coloured liquid; caustic.  
Soluble in water; miscible with ethanol (96%), with ether and with glycerol.

TEST	SPECIFICATION
<b>Content</b>	77.0 to 81.5% w/w
<b>Identification</b>	Complies with BP tests
<b>Acidity</b>	The solution is yellow
<b>Clarity and colour of solution</b>	A solution of 1.0 ml in 14 ml of water, at 20°, is clear and not more intensely coloured than reference solution R7 or B7
<b>Weight per ml</b>	1.055gm to 1.060 gm
<b>Non-volatile matter</b>	When heated on a water bath and dried at 105°, leaves not more than 0.05% w/v of residue

**ENQUIRY**