

## FE0482 Phenol, crystallized, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (iodometric) . . . . . min. 99,0 %	water (K.F.) . . . . . max. 0,2 %
assay (bromometric) . . . . . 99,0 - 100,5 %	
identity (IR-spectrum) . . . . . passes test	
appearance of solution . . . . . passes test	
freezing point . . . . . min. 40,5 °C	
acidity . . . . . passes test	
residue on evaporation . . . . . max. 0,01 %	

ART. NO.	VOLUME	CONTAINER
FE04820250	250 g	
FE04820500	500 g	
FE04821000	1 kg	
FE0482005P	5 kg	

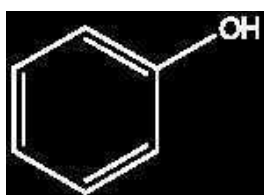
## FE0484 Phenol, molecular biology grade



assay (iodometric) . . . . . min. 99,0 %	DNases, RNases, Proteases . . . . . non detected
identity (IR-spectrum) . . . . . passes test	
appearance of solution . . . . . clear	
residue on evaporation . . . . . max. 0,5 %	

ART. NO.	VOLUME	CONTAINER
FE04840100	100 g	
FE04840500	500 g	

## PHENOL, APPROX. 90%



- Synonyms: Phenic acid, Hydroxybenzene, Carboic acid
- $C_6H_5OH$
- M = 94,11 g/mol
- CAS [108-95-2]
- EINECS-No.: 203-632-7
- Density: 1,06 g/cm<sup>3</sup>
- Boiling point: 180-182 °C
- Flash pt. 79 °C
- Ignition temp.: 605 °C
- Vapour pressure: (20 °C) 0,2 hPa
- LD 50 (oral, rat): 317 mg/kg (pure substance)
- EC-Index-No.: 604-001-00-2

- ADR: 6.1 T1 II UN 2821
- IMDG: 6.1 II UN 2821
- IATA/ICAO: 6.1 II UN 2821
- GHS-signal word: Danger
- GHS-H sentences: H311 - H331 - H314 - H341 - H373 - H302
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2907 11 00 00
- Applications: synthesis of organic products, disinfectant, for pharmaceutical use, manufacture of dyes, preservative agent, analytical chemistry, laboratory reagent.

## FE0478 Phenol, approx. 90%, aqueous solution, extra pure, Pharmpur®, USP



assay (iodometric) . . . . . min. 89,0 %	Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
identification . . . . . passes test	Residual solvents are analysed according to guideline CPMP/ICH/283/95.
clarity of solution and reaction . . . . . passes test	
distilling range . . . . . max. 182,5 °C	
residue on evaporation . . . . . max. 0,05 %	

ART. NO.	VOLUME	CONTAINER
FE04781000	1 l	
FE0478005P	5 l	

## FE0479 Phenol, approx. 90%, aqueous solution

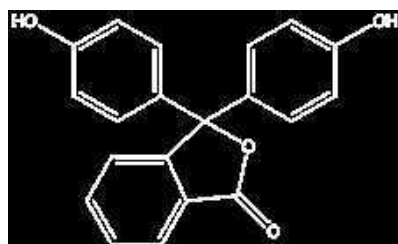


assay (G.C.) . . . . . 89 - 92 %	residue on evaporation . . . . . max. 0,02 %
chlorides (Cl) . . . . . max. 0,0005 %	water (K.F.) . . . . . 8 - 11 %
heavy metals (as Pb) . . . . . max. 3 ppm	
iron (Fe) . . . . . max. 1 ppm	

ART. NO.	VOLUME	CONTAINER
FE04791000	1 l	
FE0479005P	5 l	

## PHENOLPHTHALEIN

## FE0495 Phenolphthalein, indicator, ACS



- Synonyms: 3,3-Bis(p-hydroxyphenyl)phthalide
- $C_{20}H_{14}O_4$
- M = 318,33 g/mol
- CAS [77-09-8]
- EINECS-No.: 201-004-7
- Solub. in water: (20°C): insoluble
- Melting point: 261 - 263°C
- GHS-signal word: Danger
- GHS-H sentences: H350 - H341 - H361f
- GHS-P sentences: P281 - P201 - P202 - P308 + P313 - P405 - P501a
- Tariff number: 2932 20 10 00
- Applications: analytical chemistry, laboratory reagent, indicator, in the pharmaceuticals industry (laxative).

pH range (colourless to violet-red) . . . . . 8 - 10  
Absorption maximum  $\lambda$  (pH 9,8) . . . . . 551 - 554 nm  
Absorptivity (A1%/1 cm;  $\lambda$  max;  
pH 9,8 on dried sample) . . . . . 500 - 600  
clarity of alcohol solution . . . . . passes test  
loss on drying (110 °C) . . . . . max. 1%

ART. NO.	VOLUME	CONTAINER
FE04950025	25 g	
FE04950100	100 g	
FE04950250	250 g	
FE04950500	500 g	
FE0495005P	5 kg	
FE0495025P	25 kg	