

ANALYSIS CERTIFICATE

CODE: 144852

BATCH: 0002559673

PRODUCT:

Phenol crystalline (USP, BP, Ph. Eur.) pure, pharma grade

ISSUE DATE: 09/09/2024

RETEST DATE: 09/2027

[Signature]
15/11/2025

SPECIFICATIONS

Assay (C₆H₆O)
Identity according to Pharmacopoeias:
Freezing point (a.d.s.)

GUARANTEE VALUE

99,0-100,5%
passes test
≥ 39,5°C

ACTUAL VALUE

99,9%
passes test
41°C

Maximum limit of impurities

Appearance of solution

Acidity

Insoluble matter in H₂O

Non-volatile matter

Chloride (Cl)

Residual solvents (Ph.Eur/USP)

m-Cresol (G.C.)

o-Cresol (G.C.)

p-Cresol (G.C.)

Water (H₂O)

Elemental impurities (ICH Q3D):

Class 1

Cd

Pb

As

Hg

Class 2A

Co

V

Ni

Class 2B

Tl

Au

Pd

Ir

Os

Rh

Ru

Se

Ag

Pt

Class 3

Li

Sb

Ba

Mo

Cu

Sn

Cr

passes test

passes test

passes test

0,05 %

0,005%

passes test

0,1%

0,1%

0,1%

0,5 %

0,5 ppm

0,5 ppm

1,5 ppm

1,5 ppm

5 ppm

10 ppm

20 ppm

0,8 ppm

10 ppm

10 ppm

10 ppm

10 ppm

10 ppm

10 ppm

10 ppm

15 ppm

15 ppm

10 ppm

55 ppm

120 ppm

140 ppm

25 ppm

250 ppm

600 ppm

25 ppm

passes test

passes test

passes test

0,01%

<0,005%

passes test

<0,1%

<0,1%

<0,1%

0,1 %

<0,5 ppm

<0,5 ppm

<1,5 ppm

<1,5 ppm

<5 ppm

<10 ppm

<20 ppm

<0,8 ppm

<10 ppm

<10 ppm

<10 ppm

<10 ppm

<10 ppm

<10 ppm

<15 ppm

<15 ppm

<10 ppm

<55 ppm

<120 ppm

<140 ppm

<25 ppm

<250 ppm

<600 ppm

<25 ppm

Panreac Química SLU

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QA Director
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