

ANALYSIS CERTIFICATE

CODE: 141067

BATCH: 0002723877

PRODUCT: Trichloroacetic Acid (BP, Ph. Eur.) pure, pharma grade

ISSUE DATE: 27/05/2025

RETEST DATE: 05/2028

SPECIFICATIONS

Assay (Acidim.) calc. a.d.s.
Identity according to Pharmacopoeias:

GUARANTEE VALUE

99,0-100,5%
passes test

ACTUAL VALUE

99,4%
passes test

Maximum limit of impurities

Appearance of solution

passes test

passes test

Insoluble matter in H₂O

0,01 %

<0,01 %

Loss on drying

1,0%

0,1%

Residue on ignition (as SO₄)

0,05 %

0,03 %

Chloride (Cl)

0,005%

<0,005%

Sulphate (SO₄)

0,05%

<0,05%

Nitrate (NO₃)

0,02%

<0,02%

Elemental impurities (ICH Q3D):

Class 1

Cd

0,5 ppm

<0,5 ppm

Pb

0,5 ppm

<0,5 ppm

As

1,5 ppm

<1,5 ppm

Hg

1,5 ppm

<1,5 ppm

Class 2A

Co

5 ppm

<5 ppm

V

10 ppm

<10 ppm

Ni

20 ppm

<20 ppm

Class 2B

Tl

0,8 ppm

<0,8 ppm

Au

10 ppm

<10 ppm

Pd

10 ppm

<10 ppm

Ir

10 ppm

<10 ppm

Os

10 ppm

<10 ppm

Rh

10 ppm

<10 ppm

Ru

10 ppm

<10 ppm

Se

15 ppm

<15 ppm

Ag

15 ppm

<15 ppm

Pt

10 ppm

<10 ppm

Class 3

Li

55 ppm

<55 ppm

Sb

120 ppm

<120 ppm

Ba

140 ppm

<140 ppm

Mo

25 ppm

<25 ppm

Cu

250 ppm

<250 ppm

Sn

600 ppm

<600 ppm

Cr

25 ppm

<25 ppm

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31 JUL 2025

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