

CERTIFICATE OF ANALYSIS

TO0084_25265317/1

Product Toluene, 99,8%, anhydrous (max. 0,003% H2O)

Batch 25265317

TO0084

Quality release date 05/11/2024

Expiry date 11/2027

Analysis	Batch value	Specifications
Assay (G.C.)	99,94 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/20°)	0,8682 g/mL	0,865 - 0,870
Appearance	clear	clear
Colour (Hazen)	2	≤ 10
Acidity	0,00001 meq/g	≤ 0,0002
Alkalinity	< 0,0002 meq/g	≤ 0,0002
Chlorides (Cl)	< 0,00005 %	≤ 0,00005
Sulfates (SO4)	< 0,0001 %	≤ 0,0001
Aluminium (Al)	< 0,5 ppm	≤ 0,5
Antimony (Sb)	< 0,02 ppm	≤ 0,02
Arsenic (As)	< 0,02 ppm	≤ 0,02
Barium (Ba)	< 0,1 ppm	≤ 0,1
Beryllium (Be)	< 0,02 ppm	≤ 0,02
Bismuth (Bi)	< 0,1 ppm	≤ 0,1
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,05 ppm	≤ 0,05
Calcium (Ca)	< 0,5 ppm	≤ 0,5
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Gallium (Ga)	< 0,02 ppm	≤ 0,02
Gold (Au)	< 0,1 ppm	≤ 0,1
Indium (In)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,1 ppm	≤ 0,1
Lithium (Li)	< 0,02 ppm	≤ 0,02
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,02 ppm	≤ 0,02
Molybdenum (Mo)	< 0,05 ppm	≤ 0,05
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Platinum (Pt) ppm	< 0,02 ppm	≤ 0,02
Silver (Ag)	< 0,02 ppm	≤ 0,02
Thallium (Tl)	< 0,05 ppm	≤ 0,05
Tin (Sn)	< 0,1 ppm	≤ 0,1
Titanium (Ti)	< 0,05 ppm	≤ 0,05
Vanadium (V)	< 0,05 ppm	≤ 0,05
Zinc (Zn)	< 0,1 ppm	≤ 0,1
Benzene (G.C.)	< 0,005 %	≤ 0,05
Sulfur compounds (as S)	< 0,003 %	≤ 0,003

Results marked with # are out of specifications.
 This certificate does not exempt the user from checking the results upon receipt of the goods.
 Any copy of our CoA may be obtained from our website at www.scharlab.com

 Marta Martínez Casals
 Laboratory Technician



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Analysis	Batch value	Specifications
Tiophene (C ₄ H ₄ S)	< 0,0005 %	≤ 0,0005
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0005
Water (K.F.)	0,0028 %	≤ 0,003

For laboratory use only

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Marta Martínez Casals
Laboratory Technician