

CERTIFICATE OF ANALYSIS

AL0321_25986509/1

Product 2-Propanol, Multisolvant® HPLC grade ACS ISO UV -VIS

Batch 25986509

AL0321

Quality release date 14/07/2025

Expiry date 07/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7850 g/mL	0,784 - 0,786
Appearance	clear	clear
Colour (Hazen)	2	≤ 10
Solubility in water	passes test	passes test
Acidity	0,00004 meq/g	≤ 0,0001
Alkalinity	< 0,0001 meq/g	≤ 0,0001
Chlorides (Cl)	< 0,00003 %	≤ 0,00003
Nitrates (NO ₃)	< 0,00003 %	≤ 0,00003
Phosphates (as PO ₄)	< 0,00005 %	≤ 0,00005
Sulfates (SO ₄)	< 0,0001 %	≤ 0,0001
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Antimony (Sb)	< 0,02 ppm	≤ 0,02
Arsenic (As)	< 0,02 ppm	≤ 0,02
Barium (Ba)	< 0,01 ppm	≤ 0,01
Beryllium (Be)	< 0,02 ppm	≤ 0,02
Bismuth (Bi)	< 0,1 ppm	≤ 0,1
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,01 ppm	≤ 0,01
Calcium (Ca)	< 0,1 ppm	≤ 0,1
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)	< 0,02 ppm	≤ 0,02
Indium (In)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,02 ppm	≤ 0,02
Manganese (Mn)	< 0,02 ppm	≤ 0,02
Molybdenum (Mo)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Platinum (Pt) ppm	< 0,02 ppm	≤ 0,02
Silver (Ag)	< 0,02 ppm	≤ 0,02
Thallium (Tl)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Titanium (Ti)	< 0,02 ppm	≤ 0,02
Vanadium (V)	< 0,02 ppm	≤ 0,02
Zinc (Zn)	< 0,01 ppm	≤ 0,01

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 Martinez Casals
 Laboratory Technician



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Analysis	Batch value	Specifications
Zirconium (Zr)	< 0,02 ppm	≤ 0,02
Acetone (G.C.)	< 0,002 %	≤ 0,01
Ethanol (G.C.)	< 0,005 %	≤ 0,01
Isopropylether (G.C.)	< 0,005 %	≤ 0,01
Methanol (G.C.)	< 0,005 %	≤ 0,01
n-Propanol (G.C.)	0,004 %	≤ 0,1
Carbonyl compounds (as CO)	< 0,002 %	≤ 0,002
Substances reducing KMnO4	passes test	passes test
Substances darkened by H2SO4	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,033 %	≤ 0,05
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 207 nm	47,92 %	≥ 10
min. transmission at 217 nm	84,22 %	≥ 50
min. transmission at 232 nm	94,34 %	≥ 80
min. transmission at 242 nm	97,49 %	≥ 90
min. transmission at 260 nm	99,49 %	≥ 98
max. absorbance at 207 nm	0,319 AU	≤ 1,000
max. absorbance at 217 nm	0,075 AU	≤ 0,301
max. absorbance at 232 nm	0,025 AU	≤ 0,097
max. absorbance at 242 nm	0,011 AU	≤ 0,046
max. absorbance at 260 nm	0,002 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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Marta Martínez Casals
Laboratory Technician