

# CERTIFICATE OF ANALYSIS

## AL0321\_26373309/1

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

Batch 26373309

**AL0321**

Quality release date 08/01/2026

Expiry date 01/2031

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7851 g/mL	0,784 - 0,786
Appearance	clear	clear
Colour (Hazen)	1	≤ 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 <sub>3</sub> )	< 0,00003 %	≤ 0,00003
Phosphates (as PO <sub>4</sub> )	< 0,00005 %	≤ 0,00005
Sulfates (SO <sub>4</sub> )	< 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

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Zirconium (Zr)	< 0,02 ppm	≤ 0,02
Acetone (G.C.)	< 0,001 %	≤ 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.)	0,006 %	≤ 0,1
Carbonyl compounds (as CO)	< 0,002 %	≤ 0,002
Substances reducing KMnO <sub>4</sub>	passes test	passes test
Substances darkened by H <sub>2</sub> SO <sub>4</sub>	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0331 %	≤ 0,05
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 207 nm	44,75 %	≥ 10
min. transmission at 217 nm	80,29 %	≥ 50
min. transmission at 232 nm	93,29 %	≥ 80
min. transmission at 242 nm	97,05 %	≥ 90
min. transmission at 260 nm	99,46 %	≥ 98
max. absorbance at 207 nm	0,349 AU	≤ 1,000
max. absorbance at 217 nm	0,095 AU	≤ 0,301
max. absorbance at 232 nm	0,030 AU	≤ 0,097
max. absorbance at 242 nm	0,013 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.

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](http://www.scharlab.com)

Marta Martínez Casals  
Laboratory Technician