

Certificate of Analysis

Product Name:

2-Propanol PurSolv Ultra for LC-MS

Product No.: PSR36669
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 67-63-0
Molecular Formula: C₃H₈O
Molecular Weight: 60.09 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay	≥ 99.9 %	99.99 %
Non-volatile matter	NMT 0.0005 %	< 0.0005 %
Water (By KF)	NMT 0.05 %	< 0.05 %
Silver (Ag)	NMT 0.1 ppm	< 0.1 ppm
Barium (Ba)	NMT 0.1 ppm	< 0.1 ppm
Aluminium (Al)	NMT 0.5 ppm	< 0.5 ppm
Cadmium (Cd)	NMT 0.05 ppm	< 0.05 ppm
Calcium (Ca)	NMT 0.1 ppm	< 0.1 ppm
Chromium (Cr)	NMT 0.02 ppm	< 0.02 ppm
Cobalt (Co)	NMT 0.02 ppm	< 0.02 ppm
Magnesium (Mg)	NMT 0.1 ppm	< 0.1 ppm
Potassium (K)	NMT 0.1 ppm	< 0.1 ppm
Iron (Fe)	NMT 0.1 ppm	< 0.1 ppm
Copper (Cu)	NMT 0.02 ppm	< 0.02 ppm
Manganese (Mn)	NMT 0.02 ppm	< 0.02 ppm
Nickel (Ni)	NMT 0.02 ppm	< 0.1 ppm
Sodium (Na)	NMT 0.1 ppm	< 0.1 ppm
Lead (Pb)	NMT 0.1 ppm	< 0.1 ppm
Zinc (Zn)	NMT 0.1 ppm	< 0.1 ppm
Tin (Sn)	NMT 0.1 ppm	< 0.1 ppm
Transmittance (@ 220 nm)	> 50.0 %	> 50.0 %
Transmittance (@230 nm)	> 75.0 %	> 75.0 %
Transmittance (@260 nm)	> 98.0 %	> 98.0 %
HPLC-gradient (@254 nm)	NMT 5.0 mAU	< 5 mAU
Fluorescence at 254 nm	NMT 1.0 ppb	< 1 ppb
Fluorescence at 365 nm	NMT 1.0 ppb	< 1 ppb

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales.

The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com

Suitability for the LC-MS

Complying

Complying

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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