

## Certificate of Analysis

Product Name:

**2-Propanol ACS PurReagent, ≥99.5%**

Product No.: PSR46422  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 67-63-0  
Molecular Formula: C<sub>3</sub>H<sub>8</sub>O  
Molecular Weight: 60.10 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Clear liquid	Clear liquid
Assay (By GC)	≥ 99.5 %	99.5 %
Color (in APHA)	NMT 10.0	< 10.0
Density (at 20 °C)	0.784 - 0.786 g/cm <sup>3</sup>	0.785 g/cm <sup>3</sup>
Identification (By IR)	Conforms to structure	Conforms
Refractive index N20/D	1.377 - 1.379	1.378
Water Solubility	Complies	Complies
Residue on evaporation	NMT 0.001 %	< 0.001 %
Acidity or alkalinity	NMT 0.0001 MEQ/G	< 0.0001 MEQ/G
Aluminium (Al)	≤ 0.5 ppm	< 0.5 ppm
Barium (Ba)	≤ 0.1 ppm	< 0.1 ppm
Bismuth (Bi)	≤ 0.1 ppm	< 0.1 ppm
Calcium (Ca)	≤ 0.5 ppm	< 0.5 ppm
Cadmium (Cd)	≤ 0.05 ppm	< 0.05 ppm
Cobalt (Co)	≤ 0.02 ppm	< 0.02 ppm
Chromium (Cr)	≤ 0.02 ppm	< 0.02 ppm
Cobalt (Co)	≤ 0.02 ppm	< 0.02 ppm
Iron (Fe)	≤ 0.1 ppm	< 0.1 ppm
Potassium (K)	≤ 0.5 ppm	< 0.5 ppm
Lithium (Li)	≤ 0.1 ppm	< 0.1 ppm
Magnesium (Mg)	≤ 0.1 ppm	< 0.1 ppm
Manganese (Mn)	≤ 0.02 ppm	< 0.02 ppm
Molybdenum (Mo)	≤ 0.1 ppm	< 0.1 ppm
Sodium (Na)	≤ 0.0001 %	< 0.0001 %
Nickel (Ni)	≤ 0.02 ppm	< 0.02 ppm
Lead (Pb)	≤ 0.1 ppm	< 0.1 ppm
Strontium (Sr)	≤ 0.1 ppm	< 0.1 ppm

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](mailto:technical@pure-synth.com)

64683 Einhausen Marie-Curie-Straße. 3, Germany  
Website: [www.pure-synth.com](http://www.pure-synth.com)  
Phone: 1800-8908-260  
Email: [info@pure-synth.com](mailto:info@pure-synth.com)

Zinc (Zn)	≤ 0.1 ppm	< 0.1 ppm
Carbonyl compounds (As Acetone)	≤ 0.002 %	< 0.002 %
Carbonyl compounds (As Propionaldehyde)	≤ 0.002 %	< 0.002 %
Meets ACS Specifications	Complies	Complies

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**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](http://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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