

## Certificate of Analysis

Product Name:

**n-Butyl Alcohol PurSol/v Plus for GC and spectrophotometry, ≥99.9%**

Product No.: PSR4034  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 71-36-3  
Molecular Formula: CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>OH  
Molecular Weight: 74.12 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless liquid
Assay (By GC)	≥ 99.9 %	99.9 %
Water (By KF)	NMT 0.1 %	0.01 %
non-volatile matter	NMT 0.01 %	<0.001 %
free acid (as C <sub>3</sub> H <sub>7</sub> COOH)	NMT 0.002 %	<0.002 %
Absorbance		
At 400 nm	NMT 0.01	<0.001
At 280 nm	NMT 0.01	0.01
At 260 nm	NMT 0.04	0.014
At 240 nm	NMT 0.10	0.057
At 235 nm	NMT 0.10	0.081
At 225 nm	NMT 0.50	0.167
At 220 nm	NMT 0.70	0.247
At 210 nm	NMT 1.0	0.59
Identification by IR	Conforms to Structure	Conforms

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)

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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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