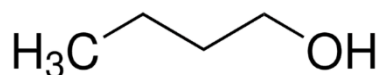


Product Specification

Product Name:

1-Butanol PurSure, ACS, ISO, Ph. Eur, ≥99.5

Product No.: PSR6450
Brand: PureSynth
CAS No.: 71-36-3
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (by GC)	≥ 99.5%
Boiling Point	116 - 118 °C
APHA	NMT 10
Density	0.808 - 0.812 g/cm ³
Non-volatile matter	NMT 0.001 %
Water (By KF)	NMT 0.1 %
Free acid (as C ₃ H ₇ COOH)	NMT 0.005 %
Aluminium (Al)	NMT 0.00005 %
Barium (Ba)	NMT 0.00001 %
Boron (B)	NMT 0.000002 %
Cadmium (Cd)	NMT 0.000005 %
Calcium (Ca)	NMT 0.00005 %
Chromium (Cr)	NMT 0.000002 %
Cobalt (Co)	NMT 0.000002 %
Copper (Cu)	NMT 0.000002 %
Iron (Fe)	NMT 0.00001 %
Lead (Pb)	NMT 0.00001%
Magnesium (Mg)	NMT 0.00001 %
Manganese (Mn)	NMT 0.000002 %
Nickel (Ni)	NMT 0.000002 %
Tin (Sn)	NMT 0.00001 %
Zinc (Zn)	NMT 0.00001 %
Iso-butanol (by GC)	NMT 0.15 %
n-butyraldehyd (by GC)	NMT 0.01 %
di-n-butylether (by GC)	NMT 0.1 %
2-butanol (by GC)	NMT 0.05 %
Carbonyl compounds (as CO)	NMT 0.01 %

Specification No.: PS-1.0-QA/003

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