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Product Specification

Product Name:

1-Butanol – BioRenewable, ACS reagent, ≥99.4%

Product Number:

901351

CAS Number:

71-36-3



Formula:

C₄H₁₀O

Formula Weight:

74.12 g/mol

TEST	Specification
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Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
Purity (GC)	≥ 99.40 %
GC Identified Peak	≤ 0.2 %
Butyl ether	
Carbonyl Compounds	< = 0.01%
Butyraldehyde	
Residue on Evaporation	≤ 0.005 %
Water (by Karl Fischer)	≤ 0.1 %
Titration Acid (meq/g)	≤ 0.0008
Meets ACS Requirements	Current ACS Specification
Note	Confirmed

Certified for the USDA BioPreferred Program, See Product Page for the Most Recent Certification Documents.

Specification: PRD.2.ZQ5.10000097695

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

