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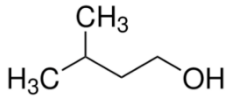
PureSynth®
Research Chemicals

Product Specification

Product Name:

3-Methyl-1-butanol PurTech Standard for GC [Includes all characterization data]
(Secondary Reference Standard)

Product No.:	PSI183
Brand:	PureSynth
CAS No.:	123-51-3
Molecular Formula:	$C_5H_{12}O$
Molecular Weight:	88.15 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC-FID)	≥ 99.5 %
Water (By KF)	NMT 0.300 %
Potency	-
Density	0.800 - 0.840 g/cm^3
Identification by ^{1}H NMR	Conforms to structure
Identification by Mass	Conforms to molecular mass
Identification by IR	Conforms to structure

***Traceable to USP Reference Standard 1424153, Current Lot No: R164Q0.**

Specification: PT-1.0-QA/99, Ver. 1.1, 27.05.2026

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