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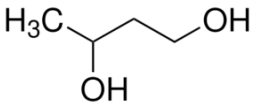
PureSynth®
Research Chemicals

Product Specification

Product Name:
1,3-Butanediol Pur*Tech* Standard for GC [Includes all characterization data]
(Secondary Reference Standard)

Product No.:	PSI263
Brand:	PureSynth
CAS No.:	107-88-0
Molecular Formula:	$C_4H_{10}O_2$
Molecular Weight:	90.12 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.5 %
Water (By KF)	NMT 1.000 %
Potency	-
Density	0.950 -1.050 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 1082956, Lot no: R22030**

Specification: PT-1.0-QA/143, Ver. No. 1.1, 09.10.2026.

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