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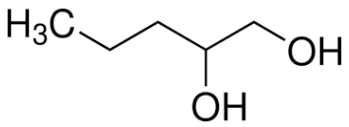
PureSynth®
Research Chemicals

Product Specification

Product Name:
1,2-Pentanediol Pur*Cert* Secondary Working Standard for GC
[Includes all characterization data]

Product No.:	PSR28334
Brand:	PureSynth
CAS No.:	5343-92-0
Molecular Formula:	$C_5H_{12}O_2$
Molecular Weight:	104.15 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.5 %
Water (By KF)	NMT 0.500 %
Potency	-
Density	0.971 -0.973 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 Internal Reference standard.**

Specification: PC-1.0-QA/740 Version No.:1.1, 03.06.2026

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