

Certificate of Analysis

n-Butanol

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28302	CAS No.	71-36-3
Brand	PureSynth	Lot No.	55P0324
Molecular Formula	C ₄ H ₁₀ O	Date of Mfg.	March,2024
Molecular Weight	74.12 g/mol	Date of Exp.	February,2027

Test	Specification	Result
Description	Colorless Liquid	Colorless Liquid
Assay (GC-FID)	≥ 99.5 %	99.98 %
Water (By KF)	NMT 0.200 %	0.121 %
Density	0.810-0.813 g/cm ³	0.811 g/cm ³
Identification by ¹ H NMR	Conforms to structure	Conforms
Identification by GC-MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

***Traceable to USP Reference Standard 1683606, Lot no: R07271**

Storage Condition: Store at room temperature and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

This is a computer-generated report -does not required sign

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