

Certificate of Analysis

n-Butanol

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28302	CAS No.	71-36-3
Brand	PureSynth	Lot No.	GF07H
Molecular Formula	C ₄ H ₁₀ O	Date of Mfg.	July,2021
Molecular Weight	74.12 g/mol	Date of Exp.	June,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.99 %
Water (by KF)	≤ 0.2%	0.1645 %
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 1081807, Lot No: R048N0**

Storage Condition: Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

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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