

Certificate of Analysis

1-Propanol

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI052	CAS No.	71-23-8
Brand	PureSynth	Lot No.	WP03HP
Molecular Formula	C ₃ H ₈ O	Date of Mfg.	Mar.2022
Molecular Weight	60.10 g/mol	Date of Exp.	Feb.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 99.5 %	99.99 %
Water (By KF)	≤ 0.3 %	0.2770 %
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
APHA	≤ 10	< 10
Carbonyl Compounds (as Propionaldehyde)	≤ 0.03 %	< 0.03 %
Titration acid	≤ 0.0004 meq/g	< 0.0004 meq/g

***Traceable to USP Reference standard 1570406, Current Lot No. R04060**

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

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

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

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