

Certificate of Analysis

Tetrahydrofuran

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI045	CAS No.	109-99-9
Pack Size	100ML	Lot No.	G03H
Molecular Formula	C ₄ H ₈ O	Date of Mfg.	March,2021
Molecular Weight	72.11 g/mol	Date of Exp.	February,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
APHA	≤ 10 max	< 10
Assay (GC-FID)	≥ 99.7 %	99.98 %
Non-volatile matter	0.0005 % max	<0.0005 %
Water (by KF)	≤0.1 %	0.1 %
Identification by ¹ H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

***Traceable to USP Reference standard 1601770, Lot No: R097E0**

Storage Condition: Store in a Room temperature and Keep container in a well-ventilated place, keep away from source of ignition.

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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