

Certificate of Analysis

1,4-Dioxane

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI043	CAS No.	123-91-1
Brand	PureSynth	Lot No.	TUNOC03P
Molecular Formula	C ₄ H ₈ O ₂	Date of Mfg.	March.2022
Molecular Weight	88.11 g/mol	Date of Exp.	February.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.99 %
Water (By KF)	≤ 0.2 %	0.148 %
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 1601521 with Current Lot No: R064V0**

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 required sign

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