

Certificate of Analysis

1,4-Dioxane

PurCert Standard

(Secondary Reference Standard)

Product Number	PSR28289	CAS No.	123-91-1
Brand	PureSynth	Lot No.	Y07H
Molecular Formula	C ₄ H ₈ O ₂	Date of Mfg.	April.2022
Molecular Weight	88.11 g/mol	Date of Exp.	March.2026

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 99.9 %	100.00 %
Water (By KF)	NMT 0.300 %	0.2630 %
Density	1.032-1.037 g/cm ³	1.034 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 1601521, Current Lot No. R064V0**

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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