

Certificate of Analysis

Benzene

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI021	CAS No.	71-43-2
Brand	PureSynth	Lot No.	IIZXM03P
Molecular Formula	C ₆ H ₆	Date of Mfg.	March.2023
Molecular Weight	78.11 g/mol	Date of Exp.	February.2027

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.92 %
Water (By KF)	NMT 0.1000 %	0.0625 %
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 1601146, Lot No: R101F0**

Storage Condition: Store at ambient temperature and keep the 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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