

Certificate of Analysis

Acetonitrile

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI041	CAS No.	75-05-8
Brand	PureSynth	Lot No.	LSA002P
Molecular Formula	C ₂ H ₃ N	Date of Mfg.	Feb.2023
Molecular Weight	41.05 g/mol	Date of Exp.	Jan.2027

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 99.5 %	99.87 %
Water (By KF)	NMT 0.0500 %	0.0324 %
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 1601340, Lot No: R046M0.**

Storage Condition: Store at room 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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