

# Certificate of Analysis

## Acetonitrile

### **PurCert Standard for GC**

(Secondary Reference Standard)

<b>Product Number</b>	PSR28287	<b>CAS No.</b>	75-05-8
<b>Brand</b>	PureSynth	<b>Lot No.</b>	EH07BJ
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>3</sub> N	<b>Date of Mfg.</b>	June,2021
<b>Molecular Weight</b>	41.05 g/mol	<b>Date of Exp.</b>	May,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5%	99.98%
Water (by KF)	≤ 0.15%	0.1332%
Non-volatile matter	≤ 0.005%	< 0.005%
Identification by <sup>1</sup> 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 1601340, Lot No: R046M0.**

**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.

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*This is a computer-generated report -does not required sign*

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