

Certificate of Analysis

Acetone

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI049	CAS No.	67-64-1
Brand	PureSynth	Lot No.	O99T
Molecular Formula	C ₃ H ₆ O	Date of Mfg.	April,2021
Molecular Weight	58.08 g/mol	Date of Exp.	March,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	> 99.5 %	99.96 %
Non-volatile Matter	< 0.0005 %	0.0005 %
Water (By KF)	≤ 0.80%	0.7875 %
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 1006801 with Current Lot No: R095B0**

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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