

Certificate of Analysis

Acetic acid

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28303	CAS No.	64-19-7
Brand	PureSynth	Lot No.	3194H1123
Molecular Formula	C ₂ H ₄ O ₂	Date of Mfg.	November, 2023
Molecular Weight	60.05 g/mol	Date of Exp.	October, 2026

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.95 %
Density	1.02-1.06 g/cm ³	1.04 g/cm ³
Water (by KF)	NMT 0.500 %	0.4078 %
Identification by ¹ 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 1005706, current lot: R12880.**

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

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com