

Certificate of Analysis

Trifluoroacetic acid

PurCert Standard for GC

Product Number	PSR28380	CAS No.	76-05-1
Brand	PureSynth	Lot No.	G09H
Molecular Formula	C ₂ F ₃ O ₂ H	Date of Mfg.	Sep.2020
Molecular Weight	114.02g/mol	Date of Exp.	Aug.2025

Test	Specification	Result
Description	A Clear colorless liquid	A Clear colorless liquid
Purity(GC)	≥98.0%	98.44%
Identification by GC-MS	Conform to molecular mass	Conform
Identification by IR	Conform to structure	Conform to structure
Identification by ¹ H NMR	Conform to structure	Conform to structure
Water (by KF)	≤0.1%	0.04%

*Traceable to Internal Reference Standard.

Storage Condition: Store in a Room temperature and Keep container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.