

Certificate of Analysis

Trifluoroacetic acid

PurSolv Hyper for HPLC, ≥ 99.0%

Product Number	PSR46032	CAS No.	76-05-1
Brand	PureSynth	Lot No.	T46032P0525
Molecular Formula	C ₂ F ₃ O ₂ H	Date of Mfg.	May, 2025
Molecular Weight	114.02 g/mol	Date of Exp.	April, 2028

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (GC)	≥ 99.0 %	99.74 %
Water (By KF)	NMT 0.1 %	< 0.05 %
Residue on evaporation	NMT 0.005 %	< 0.001 %
UV Absorbance Test		
UV Absorbance 300 nm	NMT 0.03	< 0.03
UV Absorbance 290 nm	NMT 0.04	< 0.04
UV Absorbance 280 nm	NMT 0.05	< 0.05
UV Absorbance 270 nm	NMT 0.1	< 0.1
UV Absorbance 260 nm	NMT 0.9	< 0.9
IR Spectrum	Conforms to Structure	Conforms

Note: Filtered through 0.2 µm filter & packed under nitrogen

Remark:

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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