

Product Specification

Product Name:

Trifluoroacetic acid PurChrom Ultra Eluent additive for LC-MS

Product No.: PSR36288
Brand: PureSynth
CAS No.: 76-05-1
Molecular Formula: C₂F₃O₂H
Molecular Weight: 114.02 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.0 %
Water (By KF)	NMT 0.05 %
Silver (Ag)	NMT 0.02 ppm
Aluminium (Al)	NMT 0.1 ppm
Barium (Ba)	NMT 0.1 ppm
Bismuth (Bi)	NMT 0.1 ppm
Calcium (Ca)	NMT 0.5 ppm
Cadmium (Cd)	NMT 0.05 ppm
Cobalt (Co)	NMT 0.02 ppm
Chromium (Cr)	NMT 0.1 ppm
Copper (Cu)	NMT 0.02 ppm
Iron (Fe)	NMT 1.0 ppm
Potassium (K)	NMT 0.1 ppm
Lithium (Li)	NMT 0.02 ppm
Magnesium (Mg)	NMT 0.5 ppm
Manganese (Mn)	NMT 0.05 ppm
Molybdenum (Mo)	NMT 0.05 ppm
Sodium (Na)	NMT 1.0 ppm
Nickel (Ni)	NMT 0.1 ppm
Lead (Pb)	NMT 0.02 ppm
Strontium (Sr)	NMT 0.02 ppm
Thallium (Tl)	NMT 0.05 ppm
Zinc (Zn)	NMT 0.05 ppm
Chloride (Cl)	NMT 50.0 ppm
Sulfate (SO ₄)	NMT 50.0 ppm
Sulfite (SO ₃)	NMT 10.0 ppm
Ammonium (NH ₄)	NMT 10.0 ppm
Suitability for the LC-MS	Complying
Absorbance @ 320 nm	NMT 0.025

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

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Absorbance @ 300 nm	NMT 0.03
Absorbance @ 290 nm	NMT 0.04
Absorbance @ 280 nm	NMT 0.05
Absorbance @ 270 nm	NMT 0.1
Absorbance @ 260 nm	NMT 0.9

Specification: PCHU-1.0-QA/03

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