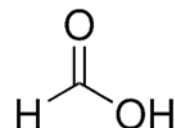


Product Specification

Product Name:

Formic Acid *PurChrom* Ultra eluent additive for LC-MS and UHPLC-MS

Product No.: PSR50162
Brand: PureSynth
CAS No.: 64-18-6
Molecular Formula: $\text{H}_2\text{O}_2\text{C}$
Molecular Weight: 46.03 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥ 99.0 %
Non-volatile matter	NMT 0.002 %
Silver (Ag)	NMT 0.02 ppm
Aluminium (Al)	NMT 0.05 ppm
Chloride (Cl)	NMT 5 ppm
Ammonium (NH_4)	NMT 10 ppm
Potassium (K)	NMT 0.1 ppm
Copper (Cu)	NMT 0.02 ppm
Sulphate (SO_4)	NMT 5 ppm
Calcium (Ca)	NMT 0.2 ppm
Cadmium (Cd)	NMT 0.05 ppm
Cobalt (Co)	NMT 0.02 ppm
Lithium (Li)	NMT 0.02 ppm
Manganese (Mn)	NMT 0.05 ppm
Molybdenum (Mo)	NMT 0.02 ppm
Nickel (Ni)	NMT 0.05 ppm
Lead (Pb)	NMT 0.02 ppm
Iron (Fe)	NMT 0.2 ppm
Sodium (Na)	NMT 0.5 ppm
Bismuth (Bi)	NMT 0.1 ppm
Magnesium (Mg)	NMT 0.5 ppm
Zinc (Zn)	NMT 0.05 ppm
Barium (Ba)	NMT 0.05 ppm
Strontium (Sr)	NMT 0.02 ppm
Thallium (Tl)	NMT 0.05 ppm
Sulphite (SO_3)	NMT 10 ppm
Suitability for LC-MS	Complying
Suitability for UHPLC-MS	Complying

Specification: PCHU-1.0-QA/01

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com