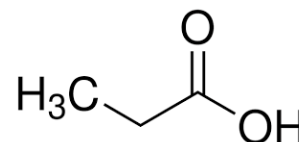


## Product Specification

Product Name:

**Propionic acid PurChrom Ultra Eluent additive for LC-MS**

Product No.: PSR2960  
Brand: PureSynth  
CAS No.: 79-09-4  
Molecular Formula: C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>  
Molecular Weight: 74.08 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.5 %
Refractive index (n 20/D)	1.385-1.387
Water (By KF)	NMT 0.1 %
Aluminium (Al)	NMT 0.5 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 0.5 ppm
Potassium (K)	NMT 0.5 ppm
Lithium (Li)	NMT 0.1 ppm
Magnesium (Mg)	NMT 0.1 ppm
Manganese (Mn)	NMT 0.02 ppm
Molybdenum (Mo)	NMT 0.1 ppm
Sodium (Na)	NMT 1.0 ppm
Nickel (Ni)	NMT 0.1 ppm
Lead (Pb)	NMT 0.1 ppm
Strontium (Sr)	NMT 0.1 ppm
Zinc (Zn)	NMT 0.1 ppm
Suitability for LC-MS	Complying
Identification by <sup>1</sup> H NMR	Conforms to Structure

Specification: PCHU-1.0-QA/15

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)