

Product Specification

Product Name:

2,2,2-Trifluoroethanol PurChrom Ultra Eluent additive for LC-MS

Product No.: PSR3152
Brand: PureSynth
CAS No.: 75-89-8
Molecular Formula: CF₃CH₂OH
Molecular Weight: 100.04 g/mol



| Test | Specification |
|--------------------------------------|-----------------------|
| Appearance | Colorless Liquid |
| Assay (By GC) | ≥ 99.8 % |
| Density (D 20/4) | 1.390-1.392 |
| 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 0.02 ppm |
| Copper (Cu) | NMT 0.02 ppm |
| Iron (Fe) | NMT 0.1 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 ¹ H NMR | Conforms to Structure |

Specification: PCHU-1.0-QA/16

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