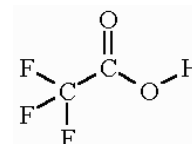


Product Specification

Product Name:

Trifluoroacetic acid PurChrom Ultra for LC-MS, Eluent additive for UHPLC-MS

Product No.: PSR36667
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 % |
| Absorbance at 260 nm | NMT 0.9 |
| Absorbance at 270 nm | NMT 0.1 |
| Absorbance at 280 nm | NMT 0.05 |
| Absorbance at 290 nm | NMT 0.04 |
| Absorbance at 300 nm | NMT 0.03 |
| Absorbance at 320 nm | NMT 0.025 |
| Silver (Ag) | NMT 0.02 ppm |
| Aluminium (Al) | NMT 0.05 ppm |
| Bismuth (Bi) | NMT 0.05 ppm |
| Cadmium (Cd) | NMT 0.05 ppm |
| Cobalt (Co) | NMT 0.02 ppm |
| Chromium (Cr) | NMT 0.05 ppm |
| Copper (Cu) | NMT 0.02 ppm |
| Iron (Fe) | NMT 0.3 ppm |
| Lithium (Li) | NMT 0.3 ppm |
| Manganese (Mn) | NMT 0.05 ppm |
| Barium (Ba) | NMT 0.05 ppm |
| Calcium (Ca) | NMT 0.2 ppm |
| Magnesium (mg) | NMT 0.5 ppm |
| Potassium (K) | NMT 0.1 ppm |
| Sodium (Na) | NMT 0.5 ppm |
| Strontium (Sr) | NMT 0.02 ppm |
| Thallium (Tl) | NMT 0.05 ppm |
| Zinc (Zn) | NMT 0.05 ppm |
| Lead (Pb) | NMT 0.02 ppm |
| Sulphite (SO ₃) | NMT 10 ppm |
| Molybdenum (Mo) | NMT 0.02 ppm |

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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Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

| | |
|-----------------------------|------------|
| Chloride (Cl) | NMT 50 ppm |
| Sulfate (SO ₄) | NMT 50 ppm |
| Ammonium (NH ₄) | NMT 10 ppm |
| Suitability for the LC-MS | Complying |
| Suitability for UHPLC-MS | Complying |

Specification: PCHU-1.0-QA/08

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