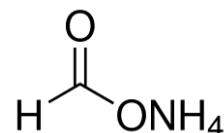


## Product Specification

Product Name:

**Ammonium formate** **PurChrom Ultra** eluent additive for LC-MS

Product No.: PSR36296  
Brand: PureSynth  
CAS No.: 540-69-2  
Molecular Formula: CH<sub>5</sub>NO<sub>2</sub>  
Molecular Weight: 63.06 g/mol



| Test                          | Specification            |
|-------------------------------|--------------------------|
| Appearance                    | White powder or Crystals |
| Assay (On anhyd.basis)        | ≥ 99.0 %                 |
| Water (By KF)                 | NMT 2 %                  |
| Sulfated ash                  | NMT 0.1 %                |
| Aluminium (Al)                | NMT 1 ppm                |
| Arsenic (As)                  | NMT 0.1 ppm              |
| Barium (Ba)                   | NMT 1 ppm                |
| Bismuth (Bi)                  | NMT 5 ppm                |
| Cadmium (Cd)                  | NMT 1 ppm                |
| Calcium (Ca)                  | NMT 5 ppm                |
| Chromium (Cr)                 | NMT 1 ppm                |
| Cobalt (Co)                   | NMT 1 ppm                |
| Copper (Cu)                   | NMT 1 ppm                |
| Iron (Fe)                     | NMT 1 ppm                |
| Potassium (K)                 | NMT 5 ppm                |
| Lithium (Li)                  | NMT 5 ppm                |
| Magnesium (Mg)                | NMT 1 ppm                |
| Manganese (Mn)                | NMT 1 ppm                |
| Molybdenum (Mo)               | NMT 5 ppm                |
| Sodium (Na)                   | NMT 5 ppm                |
| Nickel (Ni)                   | NMT 5 ppm                |
| Lead (Pb)                     | NMT 5 ppm                |
| Strontium (Sr)                | NMT 1 ppm                |
| Zinc (Zn)                     | NMT 1 ppm                |
| Chloride (Cl)                 | NMT 50 ppm               |
| Total S (as SO <sub>4</sub> ) | NMT 50 ppm               |
| Suitability for the LC-MS     | Complying                |

Specification: PCHU-1.0-QA/05

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