**Certificate of Analysis**

**Ammonium formate**

**PurSolvUltra eluent additive for LC-MS**

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| **Product Number** | PSR36296 | **CAS No.** | 540-69-2 |
| **Brand** | PureSynth | **Lot No.** | A36296H0325 |
| **Molecular Formula** | CH5NO2 | **Date of Mfg.** | March,2025 |
| **Molecular Weight** | 63.06 g/mol | **Date of Exp.** | February,2030 |

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| **Test** | **Specification** | **Result** |
| Appearance | White powder or Crystals | White crystals |
| Assay (On anhyd.basis) | ≥ 99.0 % | 99.1 % |
| Water (By KF) | NMT 2 % | 1.4 % |
| Sulfated ash | NMT 0.1 % | < 0.1 % |
| Aluminium (Al) | NMT 1 ppm | 1 ppm |
| Arsenic (As) | NMT 0.1 ppm | 0.1 ppm |
| Barium (Ba) | NMT 1 ppm | <1 ppm |
| Bismuth (Bi) | NMT 5 ppm | <5 ppm |
| Cadmium (Cd) | NMT 1 ppm | <1 ppm |
| Calcium (Ca) | NMT 5 ppm | <5 ppm |
| Chromium (Cr) | NMT 1 ppm | <1 ppm |
| Cobalt (Co) | NMT 1 ppm | <1 ppm |
| Copper (Cu) | NMT 1 ppm | <1 ppm |
| Iron (Fe) | NMT 1 ppm | <1 ppm |
| Potassium (K) | NMT 5 ppm | <5 ppm |
| Lithium (Li) | NMT 5 ppm | <5 ppm |
| Magnesium (Mg) | NMT 1 ppm | <1 ppm |
| Manganese (Mn) | NMT 1 ppm | <1 ppm |
| Molybdenum (Mo) | NMT 5 ppm | <5 ppm |
| Sodium (Na) | NMT 5 ppm | <5 ppm |
| Nickel (Ni) | NMT 5 ppm | <5 ppm |
| Lead (Pb) | NMT 5 ppm | <5 ppm |
| Strontium (Sr) | NMT 1 ppm | <1 ppm |
| Zinc (Zn) | NMT 1 ppm | <1 ppm |
| Chloride (Cl) | NMT 50 ppm | <50 ppm |
| Total S (as SO4) | NMT 50 ppm | <50 ppm |
| Suitability for the LC-MS | complying | complying |

**Condition:** Store at room temperature and keep container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

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| Approved By  Head - Technical |

*This is a computer-generated report -does not required sign*