

**CERTIFICATE OF ANALYSIS**

|              |                                      |                    |                                                |
|--------------|--------------------------------------|--------------------|------------------------------------------------|
| Product Name | AMMONIUM DIHYDROGEN PHOSPHATE 99% AR |                    |                                                |
| CAS No.      | 7722-76-1                            | Code No.           | 00233                                          |
| Batch No.    | CS05250674                           | Date of Analysis   | 27/05/2025                                     |
| Mfg. Date    | May-2025                             | Mol.Weight (g/mol) | 115.03                                         |
| Expiry Date  | Apr-2030                             | Mol. Formula       | NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> |

| Sr. | TESTS                                          | SPECIFICATIONS           | RESULTS                  |
|-----|------------------------------------------------|--------------------------|--------------------------|
| 1   | Appearance                                     | White crystalline powder | White crystalline powder |
| 2   | Assay (acidimetric)                            | Min 99%                  | 99.95%                   |
| 3   | PH (5% solution in CO <sub>2</sub> free water) | 3.8 - 4.4                | 4.35                     |
| 4   | Insoluble matter                               | Max 0.005%               | 0.0019%                  |
| 5   | Chloride (Cl)                                  | Max 0.0005%              | 0.00026%                 |
| 6   | Nitrate (NO <sub>3</sub> )                     | Max 0.001%               | 0.00037%                 |
| 7   | Sulphate (SO <sub>4</sub> )                    | Max 0.005%               | 0.0025%                  |
| 8   | Copper (Cu)                                    | Max 0.0005%              | 0.00013%                 |
| 9   | Iron (Fe)                                      | Max 0.001%               | 0.0006%                  |
| 10  | Heavy metal (as Pb)                            | Max 0.0005%              | 0.00035%                 |
| 11  | Potassium (K)                                  | Max 0.005%               | 0.0017%                  |
| 12  | Sodium (Na)                                    | Max 0.005%               | 0.0033%                  |
| 13  | Calcium (Ca)                                   | Max 0.001%               | 0.00061%                 |
| 14  | Magnesium (Mg)                                 | Max 0.0005%              | 0.00016%                 |

Remark: This product complies as per the specifications of Chemnovo.

**This is an electronically generated certificate and is valid without a signature.**

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**Chemnovo Synthesis Pvt. Ltd.**

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