

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****PO0260\_22726402/1**Product Potassium dihydrogen phosphate, for analysis, ExpertQ®, ACS, ISO,  
Reag. Ph Eur

Batch 22726402

Quality release date 25/04/2022

Expiry date 04/2029

**PO0260**

| Analysis                                        | Batch value          | Specifications       |
|-------------------------------------------------|----------------------|----------------------|
| Assay (Acidimetric, on dried sample)            | 99,80 %              | ≥ 99,5               |
| Assay (Acidimetric, referred to dried sample)   | 99,94 %              | 98,0 - 100,5         |
| Assay (Acidimetric)                             | 99,99 %              | ≥ 99,0               |
| Identity (IR-Spectrum)                          | passes test          | passes test          |
| Appearance of solution (10 %, H <sub>2</sub> O) | clear and colourless | clear and colourless |
| Insoluble in water                              | < 0,0100 %           | ≤ 0,01               |
| pH (5 %, H <sub>2</sub> O)                      | 4,35                 | 4,2 - 4,5            |
| Chlorides (Cl)                                  | < 5 ppm              | ≤ 5                  |
| Sulfates (SO <sub>4</sub> )                     | < 0,0030 %           | ≤ 0,003              |
| Total nitrogen (as N)                           | < 0,001 %            | ≤ 0,001              |
| Arsenic (As)                                    | < 0,44 ppm           | ≤ 2                  |
| Heavy metals                                    | < 0,001 %            | ≤ 0,001              |
| Iron (Fe)                                       | < 0,52 ppm           | ≤ 10                 |
| Sodium (Na)                                     | 0,001825 %           | ≤ 0,005              |
| Reducing substances                             | passes test          | passes test          |
| Loss on drying (105 °C, 2h)                     | 0,02 %               | ≤ 0,2                |
| Loss on drying (110 °C)                         | 0,06 %               | ≤ 0,2                |
| Loss on drying (130 °C)                         | 0,20 %               | ≤ 2,0                |

For laboratory use only

Results marked with # are out of specifications.  
This certificate does not exempt the user from checking the results upon receipt of the goods.  
Any copy of our CoA may be obtained from our website at [www.scharlab.com](http://www.scharlab.com)

Ricard Balladares Abella  
Laboratory Technician