

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**PO0260_20921002/1**Product Potassium dihydrogen phosphate, for analysis, ExpertQ®, ACS, ISO,
Reag. Ph Eur

Batch 20921002

Quality release date 16/06/2020

Expiry date 06/2027

PO0260

Analysis	Batch value	Specifications
Assay (Acidimetric, on dried sample)	99,59 %	≥ 99,5
Assay (Acidimetric, referred to dried sample)	99,22 %	98,0 - 100,5
Assay (Acidimetric)	99,29 %	≥ 99,0
Identity (IR-Spectrum)	passes test	passes test
Appearance of solution (10 %, H ₂ O)	clear and colourless	clear and colourless
Insoluble in water	< 0,0100 %	≤ 0,01
pH (5 %, H ₂ O)	4,43	4,2 - 4,5
Chlorides (Cl)	< 5 ppm	≤ 5
Sulfates (SO ₄)	< 0,003 %	≤ 0,003
Total nitrogen (as N)	< 0,001 %	≤ 0,001
Arsenic (As)	0,1 ppm	≤ 2
Heavy metals	< 0,001 %	≤ 0,001
Iron (Fe)	< 10 ppm	≤ 10
Sodium (Na)	< 0,005 %	≤ 0,005
Reducing substances	passes test	passes test
Loss on drying (105 °C, 2h)	0,03 %	≤ 0,2
Loss on drying (110 °C)	0,14 %	≤ 0,2
Loss on drying (130 °C)	0,18 %	≤ 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.comSara Garcia Maldonado
Laboratory Technician