

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**PO0260_23789702/1**

Product	Potassium dihydrogen phosphate, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur	Batch	23789702
		Quality release date	22/05/2023
PO0260		Expiry date	05/2030

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 ₂ O)	clear and colourless	clear and colourless
Insoluble in water	< 0,0100 %	≤ 0,01
pH (5 %, H ₂ O)	4,35	4,2 - 4,5
Chlorides (Cl)	< 5 ppm	≤ 5
Sulfates (SO ₄)	< 0,0030 %	≤ 0,003
Total nitrogen (as N)	< 0,001 %	≤ 0,001
Arsenic (As)	< 1 ppm	≤ 2
Heavy metals	< 0,001 %	≤ 0,001
Iron (Fe)	4 ppm	≤ 10
Sodium (Na)	< 0,005 %	≤ 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

Sara Garcia Maldonado
Laboratory Technician