

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**PO0260_25320302/1**

Product	Potassium dihydrogen phosphate, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur	Batch	25320302
		Quality release date	18/11/2024
PO0260		Expiry date	11/2031

Analysis	Batch value	Specifications
Assay (Acidimetric, on dried sample)	100,15 %	≥ 99,5
Assay (Acidimetric, referred to dried sample)	99,38 %	98,0 - 100,5
Assay (Acidimetric)	99,82 %	≥ 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)	4,41	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)	< 0,10 ppm	≤ 2
Heavy metals	< 0,001 %	≤ 0,001
Iron (Fe)	< 6,95 ppm	≤ 10
Sodium (Na)	0,004798 %	≤ 0,005
Reducing substances	passes test	passes test
Loss on drying (105 °C, 2h)	0,10 %	≤ 0,2
Loss on drying (110 °C)	0,14 %	≤ 0,2
Loss on drying (130 °C)	0,16 %	≤ 2,0

For laboratory use only