

CERTIFICATE OF ANALYSIS

SO0332_25991802/1

Product	Sodium dihydrogen phosphate dihydrate, for analysis, ExpertQ®, Reag. Ph Eur	Batch	25991802
		Quality release date	17/07/2025
SO0332		Expiry date	07/2030

Analysis	Batch value	Specifications
Assay (Acidimetric, referred to dried sample)	99,63 %	98,0 - 100,5
Identity	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
pH (5 %, H ₂ O)	4,27	4,2 - 4,5
Insoluble matter	< 0,2000 %	≤ 0,2
Fluorides (F)	< 0,0010 %	≤ 0,0010
Chlorides (Cl)	< 0,0050 %	≤ 0,005
Sulfates (SO ₄)	< 0,0100 %	≤ 0,01
Arsenic (As)	< 0,0001 %	≤ 0,0001
Cadmium (Cd)	< 0,5 ppm	≤ 1
Calcium (Ca)	< 0,005 %	≤ 0,005
Cobalt (Co)	< 0,0005 %	≤ 0,005
Copper (Cu)	< 0,005 %	≤ 0,005
Heavy metals (as Pb)	< 0,0010 %	≤ 0,0010
Iron (Fe)	< 0,0010 %	≤ 0,001
Lead (Pb)	< 0,00005 %	≤ 0,0001
Magnesium (Mg)	< 0,005 %	≤ 0,005
Mercury (Hg)	< 1 ppm	≤ 1
Nickel (Ni)	< 0,0006 %	≤ 0,005
Potassium (K)	< 0,005 %	≤ 0,005
Zinc (Zn)	< 0,025 %	≤ 0,025
Reducing substances	passes test	passes test
Loss on drying (130 °C)	22,50 %	21,5 - 24,0

For laboratory use only