



**ChemPure* Brand
Chemicals**

February 28, 2022

CERIFICATE OF ANALYSIS

...Pure Quality

Potassium Phosphate Monobasic, Anhydrous

Meets analytical specification of Ph. Eur., NF, E 340

Cat. No. CP-A2010D
CAS No. 7778-77-0
M.F. H_2KO_4P
M.WT. 136.09 g/mol
EC No. 231-913-4
MDL No. MFCD00011401

Lot No. 0517203CP
Manufactured Date: February 14, 2022
Retest Date: February 13, 2027

Parameter	Specification	Units	Result	Units
assay (calc. to the dried substance)	98.0-100.5	%	99.94	%
Moisture (LOD)	max. 0.2	%	0.047	%
water insoluble matter	max. 0.2	%	0.003	%
pH (5 %, 20°C)	4.2-4.5		4.4	
arsenic (As)	max. 2		<2	ppm
cadmium (Cd)	max. 1	ppm	<1	ppm
copper (Cu)	max. 0.002	ppm	<0.002	ppm
iron (Fe)	max. 10	%p	8	%
mercury (Hg)	max. 1	pm	<1	ppm
sodium (Na)	max. 50	ppm	15	ppm
lead (Pb)	max. 1	ppm	0.9	ppm
zinc (Zn)	max. 0.002	ppm	0.001	ppm
heavy metals (as Pb)	max. 10	ppm	<10	%p
chloride (Cl)	max. 10	ppm	<10	pmp
fluoride (F)	max. 10	ppm	<10	pm
sulfate (SO4)	max. 200	ppm	<200	ppm
KMnO4 red. matter (as O)	max. 0.04	%	<0.04	ppm
appearance of the solution	complying		complying	%
residual solvents	complying		complying	
Endotoxin	max. 2.5	EU/g	<2.5	EU/g

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It is certified that the above copy is a true copy of the actual lot analysis from the manufacturer.

Jorge L. Villanueva, Ph.D. General Manager

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