



**ChemPure* Brand
Chemicals**

July 14, 2019

CERIFICATE OF ANALYSIS

...Pure Quality

Potassium Phosphate Monobasic, Anhydrous

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

Cat. No. CP-A2011D
CAS No. 7778-77-0
M.F. $\text{H}_2\text{KO}_4\text{P}$
M.WT. 136.09 g/mol
EC No. 231-913-4
MDL No. MFCD00011401

Lot No. 16G211940V
Manufactured Date: July 12, 2016
Retest Date: July 11, 2021
COO: Germany

Parameter	Specification	Units	Result	Units
assay (calc. to the dried substance)	98.0-100.5	%	99.7	%
loss on drying (130°C)	max. 1.0	%	0.14	%
loss on drying (105°C, 4 h)	max. 1.0	%	0.08	%
water insoluble matter	max. 0.2	%	<0.2	%
pH (5 %, 20°C)	4.2-4.5		4.3	
arsenic (As)	max. 1	ppm	<1	ppm
cadmium (Cd)	max. 1	ppm	<1	ppm
copper (Cu)	max. 0.002	%	<0.002	%
iron (Fe)	max. 10	ppm	<10	ppm
mercury (Hg)	max. 1	ppm	<1	ppm
sodium (Na)	max. 0.1	%	<0.1	%
lead (Pb)	max. 1	ppm	<1	ppm
zinc (Zn)	max. 0.002	%	<0.002	%
heavy metals (as Pb)	max. 10	ppm	<10	ppm
chloride (Cl)	max. 10	ppm	<10	ppm
fluoride (F)	max. 10	ppm	<10	ppm
sulfate (SO ₄)	max. 200	ppm	<200	ppm
KMnO ₄ red. matter (as O)	max. 0.04	%	<0.04	%
appearance of the solution	complying		complying	
residual solvents	complying		complying	

Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY OR OTHERWISE. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions, safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, are recommendation to infringe any existing patents or to violate any Federal, State, Local or foreign laws.

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

Vyto Mekesa, QC Director

SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185