



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M2010D  
Lot #: 2020061604

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Potassium Phosphate, Monobasic**  
Crystal, ACS

F.W.: 136.0900

CHEMICAL FORMULA: H<sub>2</sub>KO<sub>4</sub>P

CAS No: 7778-77-0

Density: 2.3380

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay	99.0% Min.	99.4%
Color	White	Passes Test
Form	Crystals	Passes Test
pH of a 5% solution at 25°C	4.1-4.5	4.4
Insoluble Matter	0.01% Max.	0.008%
Loss on Drying @ 105°C	0.2% Max.	0.08%
Chloride (Cl)	0.001% Max.	<0.001%
Sulfate (SO <sub>4</sub> )	0.003% Max.	<0.003%
Heavy metals (by ICP-OES)	0.001% Max.	<0.001%
Iron (Fe)	0.002% Max.	<0.002%
Sodium (Na)	0.005% Max.	0.001%
Manufacture Date	Record Actual	12/30/2019
Expiration Date	Record Actual	12/29/2022
REMARKS		

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