

Product Specifications



**AMERICAN
BIOANALYTICAL**

Phone: (800)443-0600
Fax: (508)655-2754
Email: info@americanbio.com

Potassium Phosphate, monobasic

AB01660

potassium dihydrogen phosphate
Endotoxin tested

Specifications

CAS	7778-77-0
grade	ACS/FCC/NF
formula weight	136.09
formula	KH_2PO_4
physical description	white crystals

	Minimum	Maximum
assay (KH_2PO_4)	99.0%	100.5%
identification	pass	
pH (5% solution at 25°C)	4.1	4.5
insoluble matter		0.01%
loss on drying (105°C)		0.2%
arsenic (As)		3.0ppm
chloride (Cl)		0.001%
fluoride (F)		0.001%
nitrogen compounds (as N)		0.001%
sulfate (SO_4)		0.003%
heavy metals (as Pb)		0.001%
lead (Pb)(NF)		5.0ppm
iron (Fe)		0.002%
sodium (Na)		0.005%
organic volatile impurities	pass	
endotoxin		2.5eu/g

Notes and Applications

DNase, RNase, Protease: none detected
store at room temperature
preserve in tight containers