


**AMERICAN  
BIOANALYTICAL**

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**Potassium Phosphate, dibasic**
**AB01650**

 dipotassium hydrogen phosphate  
 Endotoxin tested

**Specifications**

CAS	7758-11-4
grade	ACS/USP
formula weight	174.18
formula	K <sub>2</sub> HPO <sub>4</sub>
physical description	white crystalline

	Minimum	Maximum
assay (K <sub>2</sub> HPO <sub>4</sub> )	98.0%	100.5%
identification (1 in 20)	pass	
pH (5% solution at 25°C)	8.5	9.6
insoluble matter		0.01%
loss on drying (105°C)		1.0%
arsenic (As)		3.0ppm
carbonate (CO <sub>3</sub> )	pass	
chloride (Cl)		0.003%
fluoride (F)		0.001%
nitrogen compounds (as N)		0.001%
sulfate (SO <sub>4</sub> )		0.005%
heavy metals (as Pb)		0.001%
iron (Fe)		0.001%
sodium (USP)	pass	
sodium (Na)		0.05%
monobasic or tribasic salt	pass	
endotoxin		2.5eu/g

**Notes and Applications**

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