

Product Specifications



**AMERICAN
BIOANALYTICAL**

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Potassium Chloride

AB01653

Endotoxin tested

Specifications

CAS 7747-40-7
grade ACS/FCC/USP
formula weight 74.55
formula KCl
physical description white crystalline

	Minimum	Maximum
assay (KCl dried basis)	99.0%	100.5%
identification	pass	
pH (5% solution)(25°C)	5.4	8.6
insoluble matter		0.005%
iodide		0.002%
bromide (Br)		0.01%
chlorate and nitrate (as NO ₃)		0.003%
nitrogen compounds (as N)		0.001%
phosphate (PO ₄)		5.0ppm
sulfate (SO ₄)		0.001%
barium (Ba)	pass	
heavy metals (as Pb)		5.0ppm
iron (Fe)		3.0ppm
calcium (Ca)		0.002%
magnesium (Mg)		0.001%
sodium (Na)		0.005%
acidity or alkalinity	pass	
loss on drying		1.0%
iodide or bromide	pass	
calcium and magnesium	pass	
sodium	pass	
organic volatile impurities	pass	
endotoxin		2.5eu/g

Notes and Applications

DNase, RNase, Protease: none detected