

Potassium dihydrogen orthophosphate monobasic, Hi-AR™/ACS

GRM3943

Product Identifier

CAS No.	:	7778-77-0
EC No.	:	231-913-4
Molecular Formula	:	KH_2PO_4
Molecular Weight	:	136.09
Synonym	:	Potassium phosphate monobasic, Hi-AR™/ACS; Potassium biphosphate
HS Code	:	2835 24 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to off-white crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	4.10 - 4.50
Chloride (Cl)	:	$\leq 0.001\%$
Heavy metals (as Pb)	:	$\leq 0.001\%$
Iron (Fe)	:	$\leq 0.002\%$
Water insoluble matter	:	$\leq 0.01\%$
Sulfate (SO_4)	:	$\leq 0.003\%$
Sodium (Na)	:	$\leq 0.005\%$
Loss on drying (at 105°C, 2 hr)	:	$\leq 0.2\%$
Assay (NaOH Titration, on dry basis)	:	99.00 - 100.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TC6615500
WGK	:	2