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## Potassium dihydrogen phosphate anhydrous, Hi-AR<sup>®</sup>/ACS GRM3943

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### Product Identifier

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CAS No.	:	7778-77-0
EC No.	:	231-913-4
Molecular Formula	:	KH <sub>2</sub> PO <sub>4</sub>
Molecular Weight	:	136.09
Synonym	:	Potassium phosphate monobasic anhydrous, Hi-AR <sup>®</sup> /ACS
HS Code	:	2835 24 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	Colourless 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)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.002%
Water insoluble matter	:	<= 0.01%
Sulfate (SO <sub>4</sub> )	:	<= 0.003%
Sodium (Na)	:	<= 0.005%
Loss on drying (at 105°C, 2 hr)	:	<= 0.2%
Assay (NaOH Titration, on dry basis)	:	99.00 - 100.50%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TC6615500
WGK	:	1