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## Potassium phosphate dibasic anhydrous

**MB044**

### For Molecular Biology

#### Product Identifier

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CAS No.	:	7758-11-4
EC No.	:	231-834-5
Molecular Formula	:	K <sub>2</sub> HPO <sub>4</sub>
Molecular Weight	:	174.18
HS Code	:	2835 24 00
Storage	:	Below 30°C
Shelf life	:	4 years

#### Technical Specification

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Appearance	:	Colourless or white to off-white hygroscopic crystals or powder or granules or solid
Solubility	:	1000 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	8.50 - 9.60
DNases	:	None detected
RNases	:	None detected
Chloride (Cl)	:	<= 0.003%
Heavy metals	:	<= 0.0005%
Iron (Fe)	:	<= 0.001%
Insoluble matter	:	<= 0.01%
Sodium (Na)	:	<= 0.05%
Sulfate (SO <sub>4</sub> )	:	<= 0.005%
Nitrogen compounds (as N)	:	<= 0.001%
Loss on drying (at 105°C, constant weight)	:	<= 1.00%
Assay (NaOH/HCl Titration, on dry basis)	:	>= 99.00%

#### Safety Information

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