



Material	VWRB0781-1KG
Material description	Potassium phosphate monobasic anhydrous
Grade	Ph.Eur./NF/BP/ENDOTOXIN TESTED
Lot	20E145203
Expiration Date	2021 Mar 27
CAS Number	7778-77-0
Molecular formula	KH <sub>2</sub> PO <sub>4</sub>
Molecular mass	136.09
Date of manufacture	2018 Mar 28
Made in	Germany
Storage	Store between 15 °C and 30 °C.
Supplier	54807
Additional information	

Characteristics	Specifications	Measured values
Appearance	White solid	White solid
Ph.Eur./BP specifications:	.	.
Assay (dried substance) [Ph.Eur./BP]	98.0 --> 100.5 %	99.8 %
Identification A	Passes test Ph.Eur./BP	Passes test Ph.Eur./BP
Identification B	Passes test Ph.Eur./BP	Passes test Ph.Eur./BP
Identification C	Passes test Ph.Eur./BP	Passes test Ph.Eur./BP
Appearance of solution	Passes test Ph.Eur./BP	Passes test Ph.Eur./BP
Reducing substances	Passes test Ph.Eur./BP	Passes test Ph.Eur./BP
pH (25°C; 5 ml solution S/5 ml water)	4.2 --> 4.5	4.4
Loss on drying [Ph.Eur./BP]	Max. 2.0 %	< 0.1 %
Cl (Chloride) [Ph.Eur./BP]	Max. 200 ppm	Max. 200 ppm
SO <sub>4</sub> (Sulphate) [Ph.Eur./BP]	Max. 300 ppm	Max. 300 ppm
As (Arsenic) [Ph.Eur./BP]	Max. 2 ppm	Max. 2 ppm
Fe (Iron) [Ph.Eur./BP]	Max. 10 ppm	Max. 10 ppm
NF specifications:	.	.
Assay (dried basis) [NF]	98.0 --> 100.5 %	99.7 %
Identification A	Passes test NF	Passes test NF
Identification B	Passes test NF	Passes test NF
Heavy metals (as Pb) [NF]	Max. 20 µg/g	Max. 20 µg/g
Insoluble substances [NF]	Max. 0.2 %	Max. 0.2 %
Loss on drying [NF]	Max. 1.0 %	< 0.1 %
Limit of fluoride [NF]	Max. 10 µg/g	Max. 10 µg/g
As (Arsenic) [NF]	Max. 3 µg/g	Max. 3 µg/g
Pb (Lead) [NF]	Max. 5 µg/g	Max. 5 µg/g
Bacterial endotoxins	Max. 2.5 EU/g	Passes test

**For further manufacturing use only. Not for use as an Active Pharmaceutical Ingredient.**



# Certificate of Analysis



## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Naresh Boddu, Head of Laboratory - Aurora  
VWR Chemicals, LLC, 220 Lena Dr., Aurora, OH 44202, USA

## Additional information

No Class 1, 2, 3 or other residual solvents are present.

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