

Material	26936.236
Material description	Potassium dihydrogen phosphate
Grade	AnalaR NORMAPUR Reag. Ph.Eur.
CAS Number	7778-77-0
Molecular formula	H ₂ KO ₄ P
Molecular mass	136.09

Characteristics

Specifications

Assay (calculated on dried substance)	99.5 --> 100.5 %
Appearance of solution S	Passes test Ph.Eur.
Identification A	Passes test Ph.Eur.
Identification B	Passes test Ph.Eur.
Identification C	Passes test Ph.Eur.
Reducing substances	Passes test Ph.Eur.
Solubility in water	Passes test
Solution S	Passes test Ph.Eur.
pH (20°C; 5 %)	4.2 --> 4.5
Heavy metals (as Pb)	Max. 10 ppm
Loss on drying (105°C)	Max. 2 %
Total N (Nitrogen)	Max. 10 ppm
Water	Max. 0.2 %
Cl (Chloride)	Max. 5 ppm
SO ₄ (Sulphate)	Max. 30 ppm
As (Arsenic)	Max. 0.5 ppm
Ca (Calcium)	Max. 100 ppm
Cu (Copper)	Max. 3 ppm
Fe (Iron)	Max. 10 ppm
Mg (Magnesium)	Max. 20 ppm
Na (Sodium)	Max. 0.02 %
Pb (Lead)	Max. 10 ppm
Conforms to Reag. Ph.Eur.	Passes test

Signature

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

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

Anja Vanhalle, Head of Laboratory - Haasrode
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