Product Specification

Material	26922.364
Material description	Potassium dihydrogen phosphate
Grade	Ph.Eur. crystallized
CAS Number	7778-77-0
Molecular formula	H2KO4P
Molecular mass	136.09

Additional information

Characteristics	Specifications
Assay (calculated on dried substance)	98.0 --> 100.5 %
Appearance	Conforms (see CoA/CoS)
Identification A	Passes test
Identification (PO4)	Passes test
Identification (K)	Passes test
Solution S	Passes test
Appearance of solution	Passes test
pH (5 %)	4.2 --> 4.5
Reducing substances	Passes test
Cl (Chloride)	Max. 200 ppm
SO4 (Sulphate)	Max. 300 ppm
Fe (Iron)	Max. 10 ppm
Heavy metals (as Pb)	Max. 10 ppm
Loss on drying (125-130°C)	Max. 2.0 %
Residual solvents	Passes test
As (Arsenic)	Max. 2 ppm
Cd (Cadmium)	Max. 1 ppm
Co (Cobalt)	Max. 1 ppm
Hg (Mercury)	Max. 3 ppm
Ni (Nickel)	Max. 1 ppm
Pb (Lead)	Max. 3 ppm
V (Vanadium)	Max. 4 ppm
Conforms to Ph.Eur.	Passes test

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.

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VWR International bvba, Haasrode Research Park Zone 2020, Geldenaaksebaan 464, 3001 Leuven, Belgium

Product Specification

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
VWR International bvba; Geldenaaksebaan 464; BE-3001 Leuven; Belgium

Additional information

Appearance: White or almost white, crystalline powder or colourless crystals.

Not for use as Active Pharmaceutical Ingredient (API)