

Material	26922.466
Material description	Potassium dihydrogen phosphate
Grade	Ph.Eur. crystallized
CAS Number	7778-77-0
Molecular formula	H ₂ KO ₄ P
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 (PO ₄)	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
SO ₄ (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

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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Additional information

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

Not for use as Active Pharmaceutical Ingredient (API)