

Specification

Formula Hill: HK₂O₄P
Molar Mass: 174,18 g/mol
CAS N°: 7758-11-4

Print Date: 13 Septembre 2022

110574 di-Potassium hydrogen phosphate anhydrous, Ph. Eur., USP

	Specifications
Assay (Acidim.; dried substance)	98,0 - 101,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Powder or col. crystals, hygroscopic	conforms
Appearance of solution	conforms
pH 1%	8,7 - 9,4
Solubility	conforms
Water insoluble matter	≤ 0,2 %
Limit of monobasic or tribasic salt	conforms
Carbonate (CO ₃)	conforms
Chloride (Cl)	≤ 0,0200 %
Fluoride (F)	≤ 0,001 %
Sulfate (SO ₄)	≤ 0,1 %
Monopotassium phosphate	≤ 2,5 %
Arsenic (As)	≤ 2 ppm
Cadmium (Cd)	≤ 1 ppm
Iron (Fe)	≤ 0,0010 %
Mercury (Hg)	≤ 1 ppm
Sodium (Na)	conforms
Lead (Pb)	≤ 5 ppm
Loss on drying (105°C)	≤ 1,0 %
Loss on drying (130°C)	≤ 2,0 %
Reducing substances	conforms

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur. specification