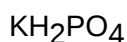


**PRODUCT CODE: 131509****Potassium di-Hydrogen Phosphate (Reag. USP) for analysis, ACS**



M.= 136,09

CAS [7778-77-0]

EINECS 231-913-4

TARIC 2835 24 00 00

SYNONYMS: Potassium Phosphate , mono-Basic, Potassium Phosphate , primary**PHYSICAL DATA:** Crystalline powder or Crystals, Colourless or white, Thermal decom. above 253 °C • Freely soluble in water, practically insoluble in ethanol 96%. • D 2,34 • M.P.: 252 °C • pH(50g/l)4,4 •**BIBLIOGRAPHY:** Merck Index **12**, 7.829 13, 7.744 Römp **8** , **2023** • ACS **XI** • ISO 6353/3-1987R - 79 , 52 • BP.**2025** • USP -NF **38** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS:

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0%
pH of 5% solution	4,2-4,5

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %
Loss on drying at 105°C	0,2%
Chloride (Cl)	0,0005%
Nitrogen compounds (as N)	0,001%
Sulfate (SO ₄)	0,003%
As	0,0002 %
Heavy Metals (ICP-OES)	0,001 %

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	5
Au	5
B	5
Ba	5
Be	5
Bi	5
Ca	50
Cd	5
Co	5
Cr	5
Cu	5
Fe	10
Ga	5
Ge	5
In	5
Mg	5
Mn	5
Mo	5
Na	50
Ni	5
Pb	5
Sb	5
Se	5
Si	5
Sr	5
Ti	5
Tl	5
V	5
Zn	5
Zr	5