



**PRODUCT CODE: 121512**

**di-Potassium Hydrogen Phosphate anhydrous for analysis**

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$\text{HK}_2\text{O}_4\text{P}$

$\text{K}_2\text{HPO}_4$

M.= 174,18

CAS [7758-11-4]

EINECS 231-834-5

TARIC 2835 24 00 00

**SYNONYMS:** Potassium Biphosphate, Potassium Phosphate di-Basic, Potassium Phosphate secondary

**PHYSICAL DATA:** Small crystals, White, Soluble in water 1.600 g/l at 20 °C Thermal decom. above 180 °C • D 20/4 2,44 • pH(100g/l)9,1 •

**BIBLIOGRAPHY:** Merck Index **12**, 7.828 13, 7.743 Römp **8** , **2024** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:**

**SPECIFICATIONS:**

Minimum assay (Acidim.) 99,0%

pH of 5% solution 8,5-9,6

**Maximum limit of impurities**

Insoluble matter in H<sub>2</sub>O 0,005 %

Loss on drying at 105°C 1,0%

Chloride (Cl) 0,005%

Nitrogen compounds (as N) 0,002%

Sulfate (SO<sub>4</sub>) 0,01%

Heavy metals (as Pb) 0,001%

As	0,0001	%
Ca	0,005	%
Cd	0,001	%
Co	0,001	%
Cu	0,001	%
Fe	0,001	%
Mg	0,005	%
Mn	0,001	%
Ni	0,001	%
Pb	0,001	%
Zn	0,001	%

Ed.: 3 . Vig.: 15.01.2011 .

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