



PRODUCT CODE: 122333

di-Potassium Hydrogen Phosphate 3-hydrate for analysis

$\text{HK}_2\text{O}_4\text{P}\cdot 3\text{H}_2\text{O}$

$\text{K}_2\text{HPO}_4\cdot 3\text{H}_2\text{O}$

M.= 228,22

CAS [16788-57-1]

EINECS 231-834-5

TARIC 2835 24 00 00

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

PHYSICAL DATA: Small crystals, White, Soluble in water. Thermal decom. above 180 °C • pH(50g/l)9,1 •

BIBLIOGRAPHY: Merck Index **13**, 7.744 Römp **8** , **2024** • F.C.C **10367 11** • BOE **24627790(14-10-1983)172011(20-01-1998)243(8-10-2009)** • Regulation (EU) n° 231/2012 •

HAZARDOUS:

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
pH of 5% solution	9,1-9,5
Maximum limit of impurities	
Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,001%
Sulfate (SO ₄)	0,005%
Heavy metals (as Pb)	0,001 %
As	0,00005 %

Ca	0,005	%
Cu	0,001	%
Fe	0,0005	%
Mg	0,005	%
Na	0,1	%
Ni	0,0005	%
Pb	0,0005	%

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