

**PRODUCT CODE: 131965****Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) for analysis, ACS**



M.= 137,99

CAS [10049-21-5]

EINECS 231-449-2

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SYNONYMS: Sodium Phosphate , primary, Sodium Phosphate Acid, Sodium Phosphate mono-Basic**PHYSICAL DATA:** crystals, White, Soluble in water 1.103 g/l at 20 °C Thermal decom. ~ 100 °C • D 2,04 • pH4,3 - 4,5 •**BIBLIOGRAPHY:** Merck Index **13**, 8.734 Safety **2** , **3152 C** • Römp **8** , **2743** • Fieser **1395** • ACS **XI** • BP.**2018** • USP **41** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: WA 1900000 • LD50 oral rat 8.290 mg/kg •**SPECIFICATIONS:**

Assay (Acidim.) 99,0-102,0%

pH of 5% solution 4,1-4,5

Maximum limit of impurities

Insoluble matter in H2O 0,01 %

Chloride (Cl) 0,0005%

Nitrogen compounds (as N) 0,001%

Sulfate (SO4) 0,003%

Heavy Metals (ICP-OES) 0,0005 %

As 0,00005 %

Ca	0,005	%
Cd	0,0005	%
Co	0,0005	%
Cu	0,0005	%
Fe	0,0005	%
K	0,005	%
Mg	0,005	%
Ni	0,0005	%
Pb	0,0005	%

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