



PRODUCT CODE: 122507

di-Sodium Hydrogen Phosphate 2-hydrate for analysis

$\text{HNa}_2\text{O}_4\text{P}\cdot 2\text{H}_2\text{O}$

$\text{Na}_2\text{HPO}_4\cdot 2\text{H}_2\text{O}$

M.= 177,99

CAS [10028-24-7]

EINECS 231-448-7

TARIC 2835 22 00 00

SYNONYMS: Sodium mono-Hydrogen Phosphate, Sodium Phosphatesecondary

PHYSICAL DATA: crystals, White, Soluble in water 93 g/l at 20 °C Thermal decom. above 95 °C • D 20/4 2,1 • M.P.: 95 °C • pH(5% solution)9,1 - 9,4 •

BIBLIOGRAPHY: Merck Index **12**, 8.805 13, 8.733 Römp **8** , **2743** • BP.**2020** • USP **42** • Ph. Eur. **9.0** (2017) **10.0** (2020) • F.C.C **10 11** • Royal Decree **I1088** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS:

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0%

pH of 5% solution 8,7-9,3

Maximum limit of impurities

Insoluble matter in H₂O 0,01 %

Chloride (Cl) 0,003%

Nitrogen compounds (as N) 0,002%

Sulfate (SO₄) 0,005%

Pyrophosphate (P₂O₇) 0,2%

Heavy metals (as Pb) 0,001%

As	0,00005	%
Ca	0,001	%
Cd	0,0005	%
Co	0,0005	%
Cr	0,0005	%
Cu	0,0005	%
Fe	0,002	%
K	0,005	%
Mg	0,001	%
Mn	0,0005	%
Ni	0,0005	%
Pb	0,001	%
Zn	0,0005	%

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