



PRODUCT CODE: 131680

tri-Sodium Phosphate 12-hydrate (Reag. USP, Ph. Eur.) for analysis, ACS

$\text{Na}_3\text{O}_4\text{P}\cdot 12\text{H}_2\text{O}$

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M.= 380,12

CAS [10101-89-0]

EINECS 231-509-8

TARIC 2835 29 30 00

SYNONYMS: Sodium Phosphate tertiary, Sodium Phosphate tri-Basic

PHYSICAL DATA: crystals, White, Soluble in water 258 g/l at 20 °C Thermal decom. 75 °C • D 1,62 • pH(10 g/l sol.)11,9 •

BIBLIOGRAPHY: Merck Index **12**, 8.808 13, 8.736 Safety **2** , **3152 D** • Römp **8** , **2743** • Kühn-Birett **T 28** • ACS **XI** • USP **43** • F.C.C **12 13** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: TC 9575000 • LD50 oral rat 7.400 mg/kg • LD50 ipr mus 430 mg/kg



H: H315, H319 •

P: P262, P305+P351+P338, P313 •

SPECIFICATIONS:

Assay (Acidim.) 98,0-102,0%

Maximum limit of impurities

Alkalinity	2,5 %
Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,001%
Sulfate (SO ₄)	0,01%
Heavy metals (as Pb)	0,001%

As	0,0003	%
Ca	0,005	%
Cd	0,0005	%
Co	0,0005	%
Cu	0,0005	%
Fe	0,0005	%
Mg	0,0005	%
Mn	0,0005	%
Ni	0,0005	%
Pb	0,0005	%
Zn	0,0005	%