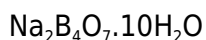
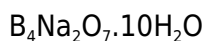


**PRODUCT CODE: 131644****di-Sodium tetra-Borate 10-hydrate for analysis, ACS, ISO**



M.= 381,37

CAS [1303-96-4]

EINECS 215-540-4

TARIC 2840 19 90 00

SYNONYMS: Borax, Sodium Borate**PHYSICAL DATA:** crystalline powder, White, Soluble in water 50 g/l at 20 °C Thermal decom. above 100 °C • D 1,73 • M.P.: 75 °C • pH(40g/l)9 - 10 •**BIBLIOGRAPHY:** Merck Index **12**, 8.733 13, 8.662 Sax **SFF000** • Safety **2**, **3155 C** • Römp **8**, **493** • Fieser **4461 15295** • ACS **XI** • ISO 6353/3-1987R - 61, 27 • BP.**2018** • USP **-NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) • Directive 96/77/EC •**HAZARDOUS:** RTECS: VZ 2275000 • TDLo oral rat 37.000 mg/kg • LD Lo oral man 709 mg/kg • LD50 oral mus 2.000 mg/kg • LD50 oral rat 2.660 mg/kg • LD50 ipr mus 2.711 mg/kg TLV-TWA 5 mg/m3 VLA-ED 5 mg/m3

H: H360FD •

P: P201 • P202 • P281 • P308+P313 • P405 • P501 •

SPECIFICATIONS:

Assay (Acidim.)	99,5-103,0%
pH of 0.01 mol/l solution	9,15-9,20

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,001%
Ammonium (NH ₄)	0,001%
Phosphate (PO ₄)	0,001 %
Sulfate (SO ₄)	0,0025%
Heavy metals (as Pb)	0,001%
As	0,0001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,002 %
Ni	0,001 %
Pb	0,0005 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 131644