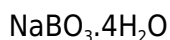
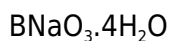


**PRODUCT CODE: 145642****Sodium Perborate 4-hydrate (BP, Ph. Eur.) pure, pharma grade**



M.= 153,86

CAS [10486-00-7]

EINECS 231-556-4

TARIC 2840 30 00 00

PHYSICAL DATA: granular powder, White, Soluble in water 23,4 g/l at 20 °C Thermal decom. > 60 °C • D 1,731 •
M.P.: 65 °C • pH(15g/l)10 •

BIBLIOGRAPHY: Merck Index **13**, 8.725 Fieser **12452 14290** • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

HAZARDOUS: C.E: 005-018-01-X • RTECS: SC 7320000 • LD50 oral rat 2.000 mg/kg • LD50 rat 1.165 mg/l •
LD50 skn rbt >2.000 mg/kg • TWA 7 mg/m³ Workers Dermal, Prolonged exposure 101 ppm Workers Inhalation,
Prolonged exposure 2 mg/m³



H: H318 • H302 • H335 • H360Df • H331 • H272 •

P: P280 • P305+P351+P338 • P310 • P261 • P271 • P304+P340 • P312 • P403+P233 • P405 • P501 • P201 •
P202 • P281 • P308+P313 • P311 • P321 • P210 • P220 • P221 • P370+P378 • P264 • P270 • P301+P312 • P330
•**SPECIFICATIONS:**

Assay (Perm.)

96,0-103,0 %

Identity :

Identity according to Pharmacopoeias:

passes test

pH sol. 1%

10,2-10,6

Maximum limit of impurities

Chloride (Cl)	0,01%
Sulfate (SO ₄)	1,2%
Residual solvents (Ph.Eur.)	passes test
Heavy metals (as Pb)	0,001%

Fe	0,002 %
----	---------

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	2 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Tl	2 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm