



**PRODUCT CODE: 131182**

**Barium Chloride 2-hydrate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO**

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BaCl<sub>2</sub>·2H<sub>2</sub>O

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M.= 244,28

CAS [10326-27-9]

EINECS 233-788-1

TARIC 2827 39 85 90

**PHYSICAL DATA:** Small crystals, crystalline powder, White, Soluble in water 357 g/l at 20 °C Thermal decom. above 100 °C • M.P.: 962 °C • pH5 - 8 •

**BIBLIOGRAPHY:** Merck Index **12**, 998 13, 974 Safety **2** , **334 C** • Römp **8** , **366** • Kühn-Birett **B 3** • ACS **XI** • ISO 6353/2-1983 R - 6 •

**HAZARDOUS:** C.E: 056-004-00-8 • RTECS: CQ 8751000 • LD50 oral rat 118 mg/kg • LD50 ipr mus 51 mg/kg



H: H332 • H301 • H319 •

P: P261 • P264 • P270 • P271 • P301+P310 • P501 • P304+P340 • P312 • P321 • P330 • P405 •

**TRANSPORT REGULATIONS:** UN: 1564 • ADR: 6.1()/III • IMDG: 6.1()/III • IATA: 6.1()/III • PAX: 670 • CAO: 677 • (E) •

**SPECIFICATIONS:**

Minimum assay (Compl.) 99,0%

pH of 5% solution 5,2-8,0

**Maximum limit of impurities**

Insoluble matter in H2O	0,005 %
Loss on drying at 150°C	14,0-16,0 %
Nitrogen compounds (as N)	0,002%
Oxidizing substances	0,005%
Heavy Metals (ICP-OES)	0,0005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0002 %
K	0,0025 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,01 %
Zn	0,0005 %

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