

**PRODUCT CODE: 131726****Sodium Iodide for analysis, ACS**

INa
NaI

M.= 149,89

CAS [7681-82-5]

EINECS 231-679-3

TARIC 2827 60 00 00

PHYSICAL DATA: powder, crystals, White, Soluble in water 1.790 g/l at 20 °C D 3,67 • M.P.: 661 °C • B.P.: 1.304 °C • pH(50 g/l)6 - 9 •

BIBLIOGRAPHY: Merck Index **13**, 8.705 Sax **SHW000** • Römp **8**, **2739** • Kühn-Birett **N 14** • Fieser **11087 2384 3267 4456 6543 7338 10365 12449 13282 14289** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

HAZARDOUS: RTECS: WB 6475000 • LD L0 oral rbt 2.362 mg/kg • LD50 oral mus 1.000 mg/kg • LD50 oral rat 4.340 mg/kg • LD50 ipr mus 430 mg/kg

SPECIFICATIONS:

Minimum assay (Arg.)	99,5%
pH of 5% solution	6,0-9,0

Maximum limit of impurities

Insoluble matter in H2O	0,01 %
Phosphate (PO4)	0,001 %
Sulfate (SO4)	0,005%
Iodate (IO3)	0,0003%
Chloride and bromide (as Cl)	0,01%
Heavy metals (as Pb)	0,0005%

Metals by ICP [in mg/Kg (ppm)]

Ba	20
Ca	20
Fe	5
K	100
Mg	10

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Prod.: 131726