



**PRODUCT CODE: 241659**

**Sodium Chloride standard for volumetry, ACS, ISO**

Primary Chemical Matter

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CINa

NaCl

M.= 58,44

CAS [7647-14-5]

EINECS 231-598-3

TARIC 2501 00 99 00

**PHYSICAL DATA:** crystalline powder, White, Soluble in water 360 g/l at 20 °C D 20/4 2,17 • M.P.: 804 °C • B.P.: 1.413 °C • pH(50 g/l)6 •

**BIBLIOGRAPHY:** Merck Index **13**, 8.671 Sax **SFT000** • Safety **2**, **3135 D** • Römp **8**, **2731** • ACS **XI** • ISO 6353/2-1983R - 32, 45 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • JP XIII, 626,ISO 9227:2017,ASTM Standard B117-16 Standard Practice for Operating Salt Spray (Fog) Apparatus

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**HAZARDOUS:** RTECS: VZ 4725000 • LD L0 oral rbt 8.000 mg/kg • LD50 oral rat 3.000 mg/kg •

**SPECIFICATIONS:**

Uncertainty	See certificate
Traceability	NIST
Assay (Arg.) (after drying at 110°C)	99,95-100,05%
pH of 5% solution	5,0-8,0

**Maximum limit of impurities**

Insoluble matter in H2O	0,005 %
Nitrogen compounds (as N)	0,001%
Bromide (Br)	0,01%

Phosphate (PO4)	0,0005 %
Sulfate (SO4)	0,001%
Iodide (I)	0,002%
Hexacyanoferrate(II) and (III) [Fe(CN)6]	0,0001%
Chlorate and nitrate (as NO3)	0,003%
Heavy Metals (ICP-OES)	0,0005 %

As	0,00004 %
Ba	0,0005 %
Ca	0,002 %
Cu	0,0002 %
Fe	0,0002 %
K	0,005 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0002 %

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