



PRODUCT CODE: 631659

Sodium Chloride (Ph. Eur, BP, USP, JP) low endotoxin, IPEC grade

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.2023** • **USP 43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • JP XIII, 626,ISO 9227:2017,ASTM Standard B117-19 Standard Practice for Operating Salt Spray (Fog) Apparatus

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

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s.	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	
Identity Sodium	passes test
Identity Chloride	passes test

Maximum limit of impurities

Appearance of solution	
Appearance Clear < formazin I	passes test
Appearance Colourless	passes test
Acidity or alkalinity (< 0.5 ml HCl or NaOH 0.01M)	passes test
Loss on drying at 105°C	0,5%
Bromide (Br)	0,0100%

Phosphate (PO ₄)	0,0025 %
Sulfate (SO ₄)	0,0200%
Iodide	passes test
Residual solvents (Ph.Eur/USP)	passes test
Microbial Limits	
Bacterial endotoxins	5 UI/g
Total Aerobic Microbial Count (TAMC)	100 cfu/g
Total combined yeast and moulds (TYMC)	10 cfu/g
Magnesium and alkaline-earth metals (as Ca)	0,0100%
Ferrocyanides	passes test
Nitrite (ABS sol 10%, in water at 354 nm, 1 cm)	0,01
Heavy metals (as Pb) JP	0,0003 %
As	0,0001 %
Ba	passes test
Fe	0,0002 %
K	0,05 %

Elemental impurities (ICH Q3D):

Class 1	
Cd	0,5 ppm
Pb	25 ppm
As	1 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