

## Sodium chloride

Chemical formula: NaCl

Molar mass: 58,44 g/mol

CAS: 7647-14-5

EINECS: 231-598-3

### A.G. (16610)

Appearance	white crystalline substance
Assay (dried substance)	min. 99,9 %
Loss on drying	max. 0,5 %
Insoluble matter in water	max. 0,005 %
Free acids (as HCl)	max. 0,0025 %
Free alkali (as NaOH)	max. 0,0025 %
Bromide (Br <sup>-</sup> )	max. 0,01 %
Iodide (I <sup>-</sup> )	max. 0,008 %
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	max. 0,005 %
Ca (Calcium)	max. 0,005 %
Fe (Iron)	max. 0,0003 %
Mg (Magnesium)	max. 0,002 %
Heavy metals (as Pb)	max. 0,0005 %

### tested acc. to Ph. Eur. (36540)

Appearance	White crystalline substance
Appearance of solution	Colourless clear solution
Identification A	Passes test
Identification B	passes test
Titrate acid	passes test
Bromide (Br <sup>-</sup> )	max. 100 µg/g
Hexacyanoferrate(II) [Fe(CN) <sub>6</sub> ] <sup>4-</sup>	passes test
Iodide (I <sup>-</sup> )	passes test
Nitrite (NO <sub>2</sub> <sup>-</sup> )	passes test
Phosphate (PO <sub>4</sub> <sup>3-</sup> )	max. 25 µg/g
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	max. 200 µg/g
Al (Aluminum)	max. 0,2 µg/g
K (Potassium)	max. 500 µg/g
As (Arsenic)	max. 1 µg/g
Ba (Barium)	passes test
Fe (Iron)	max. 2 µg/g
Magnesium and alkaline-earth metals	max. 100 µg/g
Loss on drying (105°C)	max. 0,5 %
Assay (dried substance)	99,0 - 100,5 %

pure (16600)

Assay (dried substance)	min. 99,0 %
Loss on drying	max. 0,5 %
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	max. 0,01 %
Ca (Calcium)	max. 0,005 %
Fe (Iron)	max. 0,005 %
Heavy metals (as Pb)	max. 0,005 %