

Caustic soda flakes

CHEMICAL NAME Sodium hydroxide

CAS NUMBER 1310-73-2

TECHNICAL

REQUIREMENTS

Appearance..... white or almost white hygroscopic flakes tending to stick together

NaOH, % (m/m) min. 98
(PN-ISO 979 - Tashiro indicator)

NaCl*, % (m/m) max. 0,02
(LA/2179 ,IC)

Na₂CO₃*, % (m/m) max. 0,2
(LA/2180)

Fe w/p. na Fe₂O₃ *, mg/kg max. 15
(LA/2115,ICP)

* guaranteed parameter

GENERAL DATA

Chemical formula NaOH

Molecular mass g/mol 40,01

Solubility in water good, 1090 g/l
at the temperature 20 °C

Other solvents..... methanol, ethyl ether, acetone, n-octanol

APPLICATION

Caustic caustic soda p.a. applies, among others in chemical methods of quantitative analysis, e.g. alkacymetry, in instrumental analysis, in classical methods of qualitative analysis, e.g. for the detection of copper, cadmium and lead cations.