

Standard Delivery Specification

Caustic soda solution 50 %

Membrane Processes

Site: Gendorf / Knapsack **Date of issue:** 08.01.2021
Cas-No.: 1310-73-2 **Version-No.:** 13
Replaces: V12 from 18.11.2019

Characteristic	Limit	Unit	Method
Appearance	colourless liquid		Visual examination
Sodium hydroxide	49 - 51	% (m/m)	Potentiometric titration
Sodium carbonate	max. 0.1	% (m/m)	Potentiometric titration
Sodium chloride	max. 100	mg/kg	Argentometric titration
Sodium sulphate	max. 60	mg/kg	ICP-OES
Silicium	max. 2	mg/kg	ICP-OES
Aluminium	max. 1	mg/kg	ICP-OES
Calcium	max. 5	mg/kg	ICP-OES
Chromium	max. 0.5	mg/kg	ICP-OES
Iron	max. 2	mg/kg	ICP-OES
Magnesium	max. 1	mg/kg	ICP-OES
Manganese	max. 0.5	mg/kg	ICP-OES
Nickel	max. 0.5	mg/kg	ICP-OES
Copper	max. 0.5	mg/kg	ICP-OES
Zinc	max. 0.5	mg/kg	ICP-OES
Arsenic	max. 0.25	mg/kg	ICP-OES
Selenium	max. 0.5	mg/kg	ICP-OES
Cadmium	max. 0.1	mg/kg	ICP-OES
Antimony	max. 0.5	mg/kg	ICP-OES
Mercury	max. 0.02	mg/kg	AAS-cold-vapour procedure
Lead	max. 0.25	mg/kg	ICP-OES
Heavy metals (as lead)	max. 10	mg/kg	Ph. Eur. method A

Caustic soda solution 50 % meets the purity criteria of the Food Chemicals Codex (FCC 3th) and for products applied to condition water for human use (DIN EN 896).

NaOH 50% can be considered as **kosher and halal**, because it is produced by inorganic chemicals and there is no contact with animals parts.

This standard delivery specification gives information about the intended product quality only. It is not a quality agreement with customer.

In case of questions please contact our staff in marketing and Sales.