Akzo Nobel Industrial Chemicals B.V.
Chlor-Alkali & Chloromethanes

Product Specification

CAUSTIC SODA MICROPRILLS

Synonym	Sodium hydroxide
Formula	NaOH (solid)
Appearance	Caustic soda microprills are solid small fused white pearls, colorless, odorless and very hygroscopic.

Component		**Unit**	**Limit**	**Method of analysis**
Sodium hydroxide*	(NaOH)	% w/w min	99.0	Acidimetric titration
Sodium carbonate	(Na_2CO_3)	% w/w max	0.4	Gas-phase stripping technique
Sodium chloride*	(NaCl)	mg/kg max	200	Argentometric titration
Sodium chlorate	($NaClO_3$)	mg/kg max	60	IC
Sodium sulphate	(Na_2SO_4)	mg/kg max	120	Turbodimetric / IC
Silicon dioxide	(SiO_2)	mg/kg max	20	Atomic spectrometry
Aluminum	(Al)	mg/kg max	1	Atomic spectrometry
Antimony	(Sb)	mg/kg max	0.2	Atomic spectrometry
Arsenic	(As)	mg/kg max	0.6	Atomic spectrometry
Cadmium	(Cd)	mg/kg max	0.2	Atomic spectrometry
Calcium	(Ca)	mg/kg max	10	Atomic spectrometry
Chromium	(Cr)	mg/kg max	2	Atomic spectrometry
Copper	(Cu)	mg/kg max	0.2	Atomic spectrometry
Iron*	(Fe)	mg/kg max	10	Photometric
Lead	(Pb)	mg/kg max	0.5	Atomic spectrometry
Nickel	(Ni)	mg/kg max	10	Photometric
Magnesium	(Mg)	mg/kg max	6.0	Atomic spectrometry
Manganese	(Mn)	mg/kg max	0.2	Atomic spectrometry
Mercury	(Hg)	mg/kg max	0.01	CVAAS
Selenium	(Se)	mg/kg max	0.2	Atomic spectrometry
Zinc	(Zn)	mg/kg max	0.1	Atomic spectrometry

* These components are mentioned on the CoA.

Compliance	This product complies with the purity requirements of the: · Commission Regulation (EU) No. 231/2012 on food additives; · European standard for drinking water treatment EN 896:2012, type 2; · Food Chemicals Codex (FCC), 10th edition; · European Pharmacopoeia 9, 2017.
Remarks	· See our Safety Data Sheet for health, safety and physical properties. · Mercury is not applied in the membrane process.

CAS No.	**1310-73-2**	**Specification No.**	**FPD 4115-01-02**
EC No.	**215-185-5**	**Updated**	**2016-11-5**
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P.O. Box 9300
6800 SB Arnhem
The Netherlands

www.akzonobel.com/ic