

Product Specification Sheet

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	SMA 284.02, note 1
Sodium carbonate	(Na ₂ CO ₃)	% w/w max	0.4	SMA 847.04
Sodium chlorate	(NaClO ₃)	mg/kg max	5	SMA 695.05
Sodium chloride*	(NaCl)	mg/kg max	200	SMA 269.17
Sodium sulphate	(Na ₂ SO ₄)	mg/kg max	100	SMA 862.05
Aluminum	(Al)	mg/kg max	0,5	SMA 862.05
Arsenic	(As)	mg/kg max	0.3	SMA 862.05
Calcium	(Ca)	mg/kg max	5	SMA 862.05
Cadmium	(Cd)	mg/kg max	0.1	SMA 862.05
Chromium	(Cr)	mg/kg max	2	SMA 862.05
Copper	(Cu)	mg/kg max	0.1	SMA 862.05
Iron*	(Fe)	mg/kg max	10	SMA 862.05
Mercury	(Hg)	mg/kg max	0.01	SMA 854.05
Magnesium	(Mg)	mg/kg max	3	SMA 862.05
Manganese	(Mn)	mg/kg max	0.1	SMA 862.05
Nickel	(Ni)	mg/kg max	10	SMA 862.05
Lead	(Pb)	mg/kg max	0.25	SMA 862.05
Antimony	(Sb)	mg/kg max	0.2	SMA 862.05
Selenium	(Se)	mg/kg max	0.2	SMA 862.05
Silicon dioxide	(SiO ₂)	mg/kg max	10	SMA 862.05
Zinc	(Zn)	mg/kg max	0.1	SMA 862.05

Compliance	This product complies with the purity requirements of the: <ul style="list-style-type: none">• European standard for drinking water treatment EN 896:2012, type 2• European Pharmacopoeia, latest version• Commission Regulation (EU) No 231/2012 on food additives• Food Chemicals Codex, latest version
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Remarks	<ul style="list-style-type: none">• Note 1: Determination of the total alkalinity of sodium hydroxide, c(NaOH) ≈ 100 % (w/w).• The components marked with a "*" are mentioned on the CoA• See our Safety Data Sheet for health, safety and physical properties
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