

Caustic Soda Microprills

Synonym	Sodium hydroxide
Chemical Formula	NaOH (solid)
Appearance	Caustic soda microprills are solid small fused white pearls, colorless, odorless and very hygroscopic.
Produced in	Frankfurt am Main, Germany

Component	Formula	Unit	Limit	Method of Analysis
Purity				
Sodium hydroxide *	NaOH	% w/w	≥ 99.0	SMA 284.02, [1]
Sodium carbonate	Na ₂ CO ₃	% w/w	≤ 0.4	SMA 847.04
Sodium chlorate	NaClO ₃	mg/kg	≤ 5	SMA 695.05
Sodium chloride *	NaCl	mg/kg	≤ 200	SMA 269.17
Sodium sulphate	Na ₂ SO ₄	mg/kg	≤ 100	SMA 862.05
Aluminum	Al	mg/kg	≤ 0.5	SMA 862.05
Arsenic	As	mg/kg	≤ 0.3	SMA 862.05
Calcium	Ca	mg/kg	≤ 5	SMA 862.05
Cadmium	Cd	mg/kg	≤ 0.1	SMA 862.05
Chromium	Cr	mg/kg	≤ 2	SMA 862.05
Copper	Cu	mg/kg	≤ 0.1	SMA 862.05
Iron *	Fe	mg/kg	≤ 10	SMA 862.05
Mercury	Hg	mg/kg	≤ 0.01	SMA 854.05
Magnesium	Mg	mg/kg	≤ 3	SMA 862.05
Manganese	Mn	mg/kg	≤ 0.1	SMA 862.05
Nickel	Ni	mg/kg	≤ 10	SMA 862.05
Lead	Pb	mg/kg	≤ 0.25	SMA 862.05
Antimony	Sb	mg/kg	≤ 0.2	SMA 862.05
Selenium	Se	mg/kg	≤ 0.2	SMA 862.05
Silicon dioxide	SiO ₂	mg/kg	≤ 10	SMA 862.05
Zinc	Zn	mg/kg	≤ 0.1	SMA 862.05

Compliance

This product complies with the purity requirements of the:

- European standard for drinking water treatment EN 896:2012, type 2
- European Pharmacopoeia (Ph. Eur.), latest version
- EU Commission Regulation (EU) No 231/2012 on food additives
- Food Chemicals Codex (FCC), latest version

Remarks

- See our Safety Data Sheet for health and safety information as well as Physical properties.
- [1] Determination of the total alkalinity of sodium hydroxide, c(NaOH) ≈ 100 % (w/w).

Identification

CAS No.	1310-73-2
EC No.	215-185-5
REACH No.	01-2119457892-27