

## CERTIFICATE OF ANALYSIS

### **Sodium hydroxide**

Grade: pure p. a.  
Catalogue No: 118109252

Customer: EUROCHEMICALS  
Batch No: 230411147  
Date of created batch: 04/2023  
Expiration date: 4 years from date of created batch

PARAMETER	REQUIREMENTS	RESULTS
Appearance	flakes, pastilles or granules of a homogeneous white color	
Assay	min. 98,8%	99,6%
Sodium carboanate (Na <sub>2</sub> CO <sub>3</sub> )	max. 0,7%	0,41%
Total nitrogen (N)	max. 0,0005%	0,0005%
Chlorides (Cl)	max. 0,005%	0,002%
Phosphates (PO <sub>4</sub> )	max. 0,001%	0,001%
Silicon dioxide (SiO <sub>2</sub> )	max. 0,005%	0,0047%
Sulphates (SO <sub>4</sub> )	max. 0,003%	0,003%
Heavy metals (as Pb)	max. 0,001%	0,0005%
Ag (Silver)	max. 0,0005%	0,0002%
Al (Aluminium)	max. 0,001%	0,0009%
Ba (Barium)	max. 0,0005%	0,0005%
Ca (Calcium)	max. 0,001%	0,0008%
Cd (Cadmium)	max. 0,0005%	0,0005%
Co (Cobalt)	max. 0,0005%	0,0005%
Cu (Copper)	max. 0,0005%	0,0005%
Fe (Iron)	max. 0,0005%	0,0005%
Hg (Mercury)	max. 0,0001%	0,00009%
Mg (Magnesium)	max. 0,0005%	0,0005%
Mn (Manganese)	max. 0,0005%	0,0004%
Ni (Nickel)	max. 0,0005%	0,0003%
Pb (Lead)	max. 0,0005%	0,0005%
Sr (Strontium)	max. 0,0005%	0,0003%
Zn (Zinc)	max. 0,0005%	0,0004%

Lot No: **23/03/01**

Analysis was performed in the Quality Control Laboratory Chempur

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