



EMD Chemicals Inc.
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Name: Sodium Hydroxide
Pellets, GR For Analysis

Formula: NaOH

Item Number: 1.06498, 1.06498-1000, 1.06498.1000

Formula Wt: 40.00

Lot Number: 46227

Data Order No: 000404234

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay (acidimetric)	99		99	%
Color			Passes test	
Form			Passes test	
Carbonate (as Na ₂ CO ₃)		1.0	0.2	%
Chloride (Cl)		0.0005	< 0.0005	%
Phosphate (PO ₄)		0.0005	< 0.0005	%
Silicate (SiO ₂)		0.001	< 0.001	%
Sulfate (SO ₄)		0.0005	< 0.0005	%
Total nitrogen (N)		0.0003	< 0.0003	%
Heavy metals (as Pb)		0.0005	< 0.0005	%
Aluminum (Al)		0.0005	< 0.0005	%
Arsenic (As)		0.0001	< 0.0001	%
Calcium (Ca)		0.0005	< 0.0005	%
Copper (Cu)		0.0002	< 0.0002	%
Iron (Fe)		0.0005	< 0.0005	%
Lead (Pb)		0.0005	< 0.0005	%
Magnesium (Mg)		0.0005	< 0.0005	%
Nickel (Ni)		0.0005	< 0.0005	%
Potassium (K)		0.05	0.008	%
Zinc (Zn)		0.001	< 0.001	%

Charles M. Wilson,
Quality Assurance Manager

Release Date: 8/15/2006

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)

An Affiliate of Merck KGaA, Darmstadt, Germany