



EMD Chemicals Inc.
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Name: Sodium Hydroxide, 50% Solution
GR

Formula: NaOH in water

Item Number: SX0597, SX0597-1

Formula Wt: 40.00

Lot Number: 3055

Data Order No: 000122272

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Chloride (Cl)		0.005	<0.005	%
Color (APHA)		20	<20	
Form			Passes test	
Heavy metals (as Ag)		0.002	<0.001	%
Iron (Fe)		0.001	<0.0005	%
Nickel (Ni)		0.001	<0.0005	%
Nitrogen compounds (as N)		0.001	<0.0005	%
Phosphate (PO4)		0.001	<0.0005	%
Potassium (K)		0.025	<0.025	%
Sulfate (SO4)		0.003	<0.002	%
Ammonium hydroxide precipitate		0.01	<0.010	%
Assay (NaOH)	50	52	50.6	%
Assay (Sodium carbonate)		0.25	<0.10	%

Norman Jordan,
Quality Control Manager

Release Date: 2/27/2003

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)
An Affiliate of Merck KGaA, Darmstadt, Germany