



15185 Main Street
Lemont, IL 60439
630-257-3900

PRODUCT SPECIFICATION SHEET

Sodium Hydroxide Solution - DIAPHRAGM CELL GRADE

Date: February 5, 2009

Rev#: 8

Chemical Formula: NaOH Formula Weight: 40.00

<u>PARAMETER</u>		<u>SHIPPING SPEC.</u>	<u>TYPICAL ANALYSIS</u>
SODIUM HYDROXIDE	(NaOH)	49.0% - 52.0%	50.23%
SODIUM OXIDE	(Na ₂ O)	38.0% - 40.4%	39.00%
SODIUM CARBONATE	(Na ₂ CO ₃)	0.20 %max.	0.10%
SODIUM SULFATE	(Na ₂ SO ₄)	1,000 ppm max.	50 ppm
SODIUM CHLORIDE	(NaCl)	1.3 % max.	1.0 %
IRON	(Fe)	9.0 ppm max	2.5 ppm
MERCURY	(Hg)	0.50 ppm max.	<0.05 ppm
LEAD	(Pb)	5.0 ppm max	<1.0 ppm
ARSENIC	(As)	1.5 ppm max.	<1.0 ppm

This material meets the monograph test requirements of the food chemicals codex Fourth edition. Use of caustic in a food or food related application must be carefully assessed against appropriate regulations by the user. It cannot be assumed that products meeting the test requirements of FCC, Fourth edition, are satisfactory for all uses without such an assessment.

Values are on a solution basis.