



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

## PRODUCT SPECIFICATION SHEET

### Sodium Hydroxide Solution - MEMBRANE CELL GRADE

Date: November 28, 2011

Rev#: 15

Chemical Formula: NaOH Formula Weight: 40.00

<u>PARAMETER</u>		<u>SPECIFICATION.</u>	<u>TYPICAL ANALYSIS</u>
SODIUM HYDROXIDE	(NaOH)	49.0 - 51.0 %	50.10 %
SODIUM OXIDE	(Na <sub>2</sub> O)	38.00 - 39.50%	38.83 %
SODIUM CARBONATE	(Na <sub>2</sub> CO <sub>3</sub> )	0.10 % max.	0.05 %
SODIUM SULFATE	(Na <sub>2</sub> SO <sub>4</sub> )	200 ppm max	10 - 40 ppm
SODIUM CHLORATE	(NaClO <sub>3</sub> )	65 ppm max	10 - 20 ppm
SODIUM CHLORIDE	( NaCl)	100 ppm max	40 – 60 ppm
IRON	(Fe)	5.0 ppm max	3.0 ppm
MERCURY	( Hg)	0.05 ppm max	< 0.05 ppm
LEAD	(Pb)	1.0 ppm max	< 1.0 ppm
ARSENIC	(As )	1.5 ppm max	< 1.5 ppm

Values are on a solution basis.

This material meets the monograph test requirements of the Food Chemicals Codex most current 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 are satisfactory for all uses without such an assessment.