

Caustic Soda Solution 50%, Membrane Grade Product Data Sheet

Item number: 60-072

General information

Color:	colorless
Odor:	odorless
Appearance / physical state:	liquid above freezing point
Description note:	viscous liquid free of color and suspended material

Specification

Test item and condition	Unit	Min.	Max.	Method
Total alkalinity, net (as NaOH)	% wt	49.00	51.00	ASTM E291
Total alkalinity, net (as Na ₂ O)	% wt	38.00	39.50	ASTM E291
Sodium Carbonate	%		0.10	ASTM E291
Sodium Chloride	mg / kg		100	ASTM E1787
Sodium Sulfate	mg / kg		100	ASTM E1787
Sodium Chlorate	mg / kg		65	ASTM E1787
Iron	mg / kg		5.0	ASTM E291

A product supplied in Europe meets the following test requirements of the official journal of the European communities – commission directive 2008 / 84 / EC (based on an assay (as NaOH) of 48.5 – 51.5 %):

Test item and condition	Unit	Min.	Max.
Carbonate (as Na ₂ CO ₃)	%		0.25
Arsenic (as AS)	mg / kg		1.5
Lead (as Pb)	mg / kg		0.25
Mercury (as Hg)	mg / kg		0.5

Users of the product in food-related applications must carefully assess the product to determine if it is suitable for the specific application. It cannot be assumed that products meeting the FCC and commission directive 2008 / 84 / EC test requirements set forth immediately above are suitable for food uses.

This product is produced using a non-mercury process. Mercury would not be anticipated to be found in the product.

All values are on actual solution basis.

Read precautionary information and material safety sheets. This product is shipped in compliance with applicable laws and regulations regarding classification, packaging, shipping and labeling.