



Certificate of Analysis

Sodium Hydroxide ACS

Catalog Number: SH1001
Lot Number: 0703804
CAS Number: 1310-73-2
Synonym(s): Caustic soda
Molecular Formula: NaOH
Molecular Weight: 40.00
Storage: 15°C – 30°C
Date of Manufacture: March 6, 2018
Retest Date: March 5, 2023

Test	Specification	Result
Appearance	White pellets	Conforms
Assay	≥ 97.0%	99.44%
Identification	Gives the reaction of Sodium Gives a pH minimum of 11.0	Conforms Conforms
Sodium Carbonate	≤ 1.0%	0.55%
Chloride	≤ 0.005%	< 0.005%
Nitrogen Compounds	≤ 0.001%	< 0.001%
Phosphate	≤ 0.001%	< 0.001%
Sulfate	≤ 0.003%	< 0.003%
Heavy Metals (As Ag)	≤ 0.002%	< 0.002%
Iron	≤ 0.001%	< 0.001%
Mercury	≤ 0.1ppm	< 0.1ppm
Nickel	≤ 0.001%	< 0.001%
Calcium	≤ 0.005%	< 0.005%
Magnesium	≤ 0.002%	< 0.002%
Potassium	≤ 0.02%	< 0.02%

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: July 6, 2018