



Certificate of Analysis

Product: Sodium hydroxide 50% Solution

Item Number: SOHYDLL50

Grade: Lab

Lot Number: 5000126/1.1

Manufacture Date: 03/27/2023

Expiration Date: 03/26/2026

Country of Origin: United States

Tested Property	Specification	Analysis
NaOH Appearance	As reported	Clear and free
Assay (NaOH)	49.00 - 51.50%	49.23%
Na ₂ O	37.97 - 39.90%	38.14%
Sodium chloride	≤100 ppm	25 ppm
Iron	3.0 ppm	0.5 ppm
Sodium Chlorate	≤20 ppm	4 ppm
Sodium sulfate	≤20 ppm	4 ppm
Specific gravity	As reported	1.5200
Sodium carbonate	As reported	0.0080%
Copper	As reported	0.00 ppm
Nickel	As reported	0.10 ppm
Aluminium	As reported	0.00 ppm
Calcium	As reported	0.00 ppm
Chromium	As reported	0.03 ppm
Lead	As reported	0.00 ppm
Potassium	As reported	192.0 ppm
Zinc	As reported	0.0 ppm
Silica	As reported	0.0 ppm
Mercury	As reported	0.0 ppm
Magnesium	As reported	0.00 ppm

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