

Certificate of Analysis

Product: Sodium Hydroxide 50% Solution
Item Number: SOHYDLL50
Grade: Lab
Lot Number: 5000188/1.1
Manufacture Date: 04/19/2023
Expiration Date: 04/18/2025
Country of Origin: United States

Tested Property	Specification	Analysis
NaOH Appearance	Clear and free	Clear and free
Assay (NaOH)	49.00 - 51.50%	49.54%
Na ₂ O	37.97 -39.90%	38.38%
Sodium Chloride	≤100 ppm	23
Iron	≤3.0 ppm	<0.5
Sodium Chlorate	≤20 ppm	1
Sodium Sulfate	≤20 ppm	6
Specific gravity	As reported	1.5200
Sodium Carbonate	As reported	0.0090 ppm
Copper	As reported	0.00 ppm
Nickel	As reported	0.13 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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Sodium Hydroxide 50% Solution

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