

Certificate of Analysis

Product: Sodium Hydroxide 50% Solution, Lab/Technical Grade

Item Number: SOHYDLL50

CAS#: 1310-73-2

Grade: Lab

Lot Number: 5002559/2.1

Manufacture Date: 08/10/2026

Retest Date : 08/09/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear	Clear
Hydroxide Alkalinity (NaOH)	49.50 - 51.50%	50.11%
Total Alkalinity	38.35 - 39.90%	38.82%
Sodium Chloride	≤100 ppm	50 ppm
Iron	≤3.0 ppm	1.0 ppm
Sodium Chlorate	≤50 ppm	1 ppm
Sodium Sulfate	≤40 Wt. ppm	0.00 Wt. ppm
Specific Gravity @ 25°C	1.5250 - 1.5450	1.5250
Sodium Carbonate	≤0.1%	0.0080%

Store in a cool, dry, and well-ventilated environment.

[Sodium Hydroxide 50% Solution, Lab/Technical Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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