

### Certificate of Analysis

**Product: Sodium hydroxide 50% Solution**

**Item Number: SOHYDLL50**

**Grade: Lab**

**Lot Number: 5000376/1.1**

**Manufacture Date: 09/01/2023**

**Expiration Date: 08/31/2026**

**Country of Origin: United States**

Tested Property	Specification	Analysis
NaOH Appearance	As reported	Clear and free
Assay(NaOH)	49.00 - 51.50%	49.96%
Na <sub>2</sub> O	37.97 - 39.90%	38.71%
Sodium Chloride	<=100 ppm	31 ppm
Iron	<=3.0 ppm	0.8 ppm
Sodium Chlorate	<=20 ppm	0 ppm
Sodium Sulfate	<=20 ppm	8 ppm
Specific gravity	As reported	1.5200
Sodium Carbonate	As reported	0.0050%
Copper	As reported	0.00 ppm
Nickel	As reported	0.05 ppm
Aluminium	As reported	0.00 ppm
Calcium	As reported	0.00 ppm
Chromium	As reported	0.10 ppm
Lead	As reported	0.00 ppm
Potassium	As reported	161.0 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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