



Certificate of Analysis

Product: Sodium Hydroxide Solution 50%

Item Number: SOHYDLA50

Grade: ACS/FCC

Lot Number: 230201-B047283

Manufacture Date: 11/08/2022

Expiration Date: 11/07/2027

Country of Origin: United States

Tested Property	Specification	Analysis
Inorganic Impurities - Arsenic(As)	NMT 3 mg/kg	0 mg
Assay (wt. % total solution)	49.0 - 51.0%	50.36%
Inorganic Impurities - Carbonate(as Na ₂ CO ₃)	3.0% max.	0.1%
Identification - Sodium	To pass test	Pass
Inorganic Impurities - Lead (Pb)	NMT 2 mg/kg	LT 2 mg/kg
Inorganic Impurities - Mercury(Hg)	NMT 0.1 mg/kg	LT 0.1 mg/kg
Assay - Total Alkalinity	97.0-103.0% wt. % of labeled amount of NaOH	100.7%

[Sodium Hydroxide Solution 50%](#)

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.

This document was electronically issued and is therefore valid without a signature.