

Certificate of Analysis

Product: Sodium Hydroxide Pellets
Item Number: SOHYDPM
Grade: Multi Compendial (ACS, USP, FCC)
Lot Number: 1001E3290BH-12
Manufacture Date: 04/01/2022
Expiration Date: 03/31/2026
Country of Origin: United States

Tested Property	Specification	Analysis
Description	White solid	White Hygroscopic pellets
Identification	To pass test	Complies
Test Solution 10%	To pass Test	Complies
Solubility	As reported	Complies
Insoluble substance & organic matter	To pass Test	Complies
Assay (as NaOH)	95.0%-100.5%	98.74%
Carbonate (as Na ₂ CO ₃)	NMT 3.0%	0.47%
Chloride (Cl)	As reported	0.002%
Arsenic	NMT 3.0 ppm	0.2 ppm
Lead	NMT 2.0 ppm	0.23 ppm
Nitrogen compounds	As reported	0.0002%
Phosphate (PO ₄)	As reported	0.0003%
Sulphate (SO ₄)	As reported	0.0002%
Heavy Metals (as Ag)	As reported	0.0002%
Iron (Fe)	As reported	0.0003%
Nickel (Ni)	As reported	0.0003%
Mercury (Hg)	NMT 0.1 ppm	.02 ppm
Calcium (Ca)	As reported	0.0003%
Magnesium(Mg)	As reported	0.0002%
Potassium (k)	As reported	0.003%

[Phone: 512-668-9918](tel:512-668-9918), [Fax: 512-886-4008](tel:512-886-4008),
[E-mail: Customerservice@laballey.com](mailto:Customerservice@laballey.com),
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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