

Certificate of Analysis

Product: Sodium Hydroxide, Pellets
Item Number: SOHYDPM
Grade: Multi Compendial (ACS, USP, FCC)
Lot Number: 1001E3298B07-12
Manufacture Date: 04/28/2022
Expiration Date: 04/27/2026
Country of Origin: India

Tested Property	Specification	Analysis
Assay (as NaOH)	97.0%- 100.5%	98.89%
Description	White solid	Pass
Identification	To Pass Test	Pass
Test Solution 10%	To Pass Test	Pass
Solubility	Soluble in 1 to parts of water & in alcohol	Pass
Insoluble substance & organic matter	To Pass Test	Pass
Carbonate (as Na ₂ CO ₃)	<1.0%	0.44%
Chloride (Cl)	<0.005 %.	0.002%
Arsenic	<3.0 ppm.	0.15ppm
Lead	<2.0 ppm	0.22ppm
Nitrogen compounds	<0.001%	0.0002%
Phosphate (PO ₄)	<0.001%	0.0003%
Sulphate (SO ₄)	<0.003%	0.0002%
Heavy metals (as Ag)	<0.002%	0.0002%
Iron (Fe)	<0.001%	0.0003%
Nickel (Ni)	<0.001%	0.0006%
Mercury (Hg)	<0.1 ppm	0.02 ppm
Calcium (Ca)	<0.005%	0.0004%
Magnesium (Mg)	<0.002%	0.0002%
Potassium (K)	<0.02%	0.004%

[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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