

### Certificate of Analysis

**Product: Sodium Hydroxide, Pellets**  
**Item Number: SOHYDPM**  
**Grade: Multi Compendial (ACS, USP, FCC)**  
**Lot Number: 1001E329807-12/1.1**  
**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 <sub>2</sub> CO <sub>3</sub> )	<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 <sub>4</sub> )	<0.001%	0.0003%
Sulphate (SO <sub>4</sub> )	<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%

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