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# Certificate of Analysis

**Product** **13913 - Sodium Hydroxide Pellets ExiPlus,  
Multi-Compendial, 98% - [1310-73-2]**

**Batch No** **1242725**  
**Analysis Date** 28-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2029  
**Molecular Formula** NaOH  
**Molecular Weight** 40.00

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic pellets	Hygroscopic pellets
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 98%	98.2%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.003%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.002%	Passes
Potassium (K)	max. 0.02%	Passes
Copper (Cu)	max. 0.0005%	Passes
Nickel (Ni)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.002%	Passes
Mercury (Hg)	max. 0.00001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.001%	Passes
Silicate (SiO <sub>2</sub> )	max. 0.01%	Passes
Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	max. 1%	0.1%
Nitrogen Compounds (N)	max. 0.001%	Passes

FRM/82/11/4/13913 Rev No. 3 Date 04/07/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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