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## Certificate of Analysis

<b>Product</b>	<b>39700 - Sodium Hydroxide Powder extrapure, 96%, 80-100 mesh - [1310-73-2]</b>
<b>Batch No</b>	<b>4990385</b>
<b>Analysis Date</b>	11-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	NaOH
<b>Molecular Weight</b>	40.00

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic powder	Hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 96%	97%
Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	max. 2%	0.3%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.002%	Passes
Potassium (K)	max. 0.1%	Passes

FRM/82/11/4/39700 Rev No. 1 Date 01/11/2015

Prepared by Vivek

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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