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Certificate of Analysis

Product	68151 - Sodium Hydroxide Pellets ACS, 98% - [1310-73-2]
Batch No	9005958
Analysis Date	06-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	NaOH
Molecular Weight	40.0

Test Parameters	Standards	Actual Results
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 (HCl titration)	min. 98%	98.3%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.003%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Calcium (Ca)	max. 0.005%	Passes
Potassium (K)	max. 0.02%	Passes
Nitrogen Compounds (N)	max. 0.001%	Passes
Nickel (Ni)	max. 0.001%	Passes
Mercury (Hg)	max. 0.00001%	Passes
Magnesium (Mg)	max. 0.002%	Passes
Heavy Metals (Ag)	max. 0.002%	Passes
Carbonate (Na ₂ CO ₃)	max. 1%	0.1%

FRM/82/11/4/68151 Rev No. 2 Date 05/10/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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