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Certificate of Analysis

Product	26035 - Potassium Hydroxide Powder extrapure, 85%, 80-100 mesh - [1310-58-3]
Batch No	7616236
Analysis Date	19-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	KOH
Molecular Weight	56.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic crystalline Powder	Hygroscopic crystalline Powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (HCl titration)	min. 85%	87.8%
Carbonate (K ₂ CO ₃)	max. 2%	0.9%
Chloride (Cl)	max. 0.03%	Passes
Sulphate (SO ₄)	max. 0.02%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Mesh size (80 - 100)	min. 75%	81%

FRM/82/11/4/26035 Rev No. 2 Date 04/08/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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