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Certificate of Analysis

Product	51938 - Sodium Carbonate Anhydrous extrapure AR, 99%, 80-100mesh - [497-19-8]
Batch No	4650062
Analysis Date	05-May-2021
Date of Manufacture	May 2021
Expiry Date/Re-Test Date	May 2026
Molecular Formula	Na ₂ CO ₃
Molecular Weight	105.99

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 (T) (on dry basis)	min. 99%	99.9%
Loss on drying	max. 1%	0.3%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Silicate (SiO ₂)	max. 0.002%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Potassium (K)	max. 0.01%	Passes
Nitrogen compounds	max. 0.001%	Passes
Particle Size (Below 100 mesh)	min 80%	Passes

FRM/82/11/4/51938 Rev No. 1 Date 05/05/2021

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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