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Certificate of Analysis

Product **64079 - Sodium Carbonate Anhydrous ACS, 99.9% - [497-19-8]**
Batch No **8619151**
Analysis Date 23-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2029
Molecular Formula Na₂CO₃
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 (by Neutralization)	min. 99.9% (dry compound)	99.9%
Loss on drying	max. 1% (285°C 15 min)	0.04%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Silicate (SiO ₂)	max. 0.005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Potassium (K)	max. 0.005%	Passes
Calcium (Ca)	max. 0.03%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Acid insoluble matter	max. 0.01%	Passes

FRM/82/11/4/64079 Rev No. 2 Date 05/10/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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