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Certificate of Analysis

Product	89399 - Sodium Bicarbonate ACS, ExiPlus, Multi-Compendial, 99.7% - [144-55-8]
Batch No	3541989
Analysis Date	08-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	NaHCO ₃
Molecular Weight	84.01

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% hot aq. solution	Clear	Clear
Solubility (Colour) 5% hot aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 99.7%	99.8%
Insoluble matter	max. 0.23%	0.1%
Chloride (Cl)	max. 0.003%	Passes
Sulphate (SO ₄)	max. 0.003%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Ammonium (NH ₄)	max. 0.002%	Passes
Potassium (K)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.004%	Passes
Calcium (Ca)	max. 0.02%	Passes
Aluminium (Al)	max. 0.0002%	Passes
Arsenic (As)	max. 0.0002%	Passes
Sulphur compounds	max. 0.015%	Passes
Limit of organics	max. 0.25%	Passes
Normal carbonate	Passes test	Passes

FRM/82/11/4/89399 Rev No. 5 Date 04/07/2024

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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