



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>45437 - Sodium Bicarbonate ACS, 99.7% - [144-55-8]</b>
<b>Batch No</b>	<b>3160104</b>
<b>Analysis Date</b>	11-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	NaHCO <sub>3</sub>
<b>Molecular Weight</b>	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%	99.9%
Water Insoluble matter	max. 0.015%	0.004%
Chloride (Cl)	max. 0.003%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.003%	Passes
Iron (Fe)	max. 0.001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.02%	Passes
Potassium (K)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.0005%	Passes

FRM/82/11/4/45437 Rev No. 4 Date 10/10/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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