

FINISHED GOODS SPECIFICATION

Department: Quality Control	Location:	All Units	Specification No.	LC/AU/QC/FGS/S043/04
Specification: SODIUM HYDROGEN CARBONATE AR				Product Code: S043
Issue date	11/09/2025	Effective date	13/09/2025	Review date 10/09/2028
Version No.:	04	Supersedes	11/09/2023	Page 1 of 2

PRODUCT DETAILS

1	Molecular Formula	NaHCO ₃
2	Product code	S043
3	Molecular weight	84.01
4	CAS No	144-55-8
5	Hazard Statement	---
6	Precautionary Statement	---
7	UN No.	---

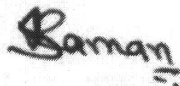
NaHCO₃

PACKING DETAILS

	Product code	Pack size
1	S04310	500 g
2	S04313	5.0 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A white odourless granular or crystalline powder.
2	Clarity	10% solution in hot water is clear and colourless.
3	Assay (by Acidimetry)	Not less than 99.5%
4	pH (5% aqueous solution)	Not more than 8.6
5	Water insoluble matter	Not more than 0.01%
6	Chloride (Cl)	Not more than 0.001%
7	Phosphate (PO ₄)	Not more than 0.0005%
8	Sulphate (SO ₄)	Not more than 0.003%
9	Silicate (SiO ₂)	Not more than 0.005%
10	Total nitrogen	Not more than 0.001%
11	Arsenic (As)	Not more than 0.00004%
12	Calcium (Ca)	Not more than 0.005%
13	Copper (Cu)	Not more than 0.0005%
14	Heavy metals (as Pb)	Not more than 0.0005%
15	Iron (Fe)	Not more than 0.0005%

	Prepared by	Checked by	Approved by
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	11/09/2025	11/09/2025	11/09/2025



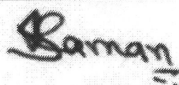
LEONID CHEMICALS PVT. LTD.

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SL. No.	TEST PARAMETERS	LIMITS
16	Magnesium (Mg)	Not more than 0.005%
17	Potassium (K)	Not more than 0.005%
18	Substances reducing iodine	Not more than 0.0065%

SAFETY SYMBOLS

	Prepared by	Checked by	Approved by
Name	Latha	M.Vijayababu	S. Venkataraman
Signature			
Date	11/09/2025	11/09/2025	11/09/2025