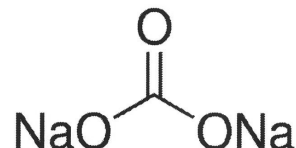


FINISHED GOODS SPECIFICATION

Department: Quality Control	Location: All Units	Specification No.	LC/AU/QC/FGS/S027/04
Specification: SODIUM CARBONATE ANHYDROUS AR			Product Code: S027
Issue date	11/09/2025	Effective date	14/09/2025
Version No.:	04	Supersedes	11/09/2023
Page 1 of 2			

PRODUCT DETAILS

1	Molecular Formula	Na ₂ CO ₃
2	Product code	S027
3	Molecular weight	105.99
4	CAS No	497-19-8
5	Hazard Statement	H319
6	Precautionary Statement	P264 - P280 - P305 + P351 + P338 - P337 + P313
7	UN No.	--



PACKING DETAILS

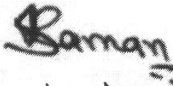
	Product code	Pack size
1	S02710	500 g
2	S02713	5.0 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	A white hygroscopic granular crystalline powder.
2	Clarity	10% solution in water is clear & colourless.
3	Assay (by Acidimetry)	Not less than 99.9%
4	Chloride (Cl)	Not more than 0.004%
5	Nitrate (NO ₃)	Not more than 0.002%
6	Phosphate (PO ₄)	Not more than 0.001%
7	Silicate (SiO ₂)	Not more than 0.0025%
8	Sulphate (SO ₄)	Not more than 0.0025%
9	Ammonium (NH ₄)	Not more than 0.0001%
10	Aluminium (Al)	Not more than 0.001%
11	Arsenic (As)	Not more than 0.00002%
12	Calcium (Ca)	Not more than 0.0005%
13	Copper (Cu)	Not more than 0.01%
14	Heavy metals (as Pb)	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

FINISHED GOODS SPECIFICATION

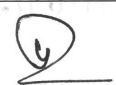
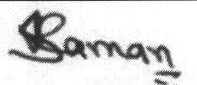
Department: Quality Control	Location: All Units	Specification No.	LC/AU/QC/FGS/S027/04
Specification: SODIUM CARBONATE ANHYDROUS AR			Product Code: S027
Issue date	11/09/2025	Effective date	14/09/2025
Version No.:	04	Supersedes	11/09/2023
			Review date 10/09/2028
			Page 2 of 2

SL. No.	TEST PARAMETERS	LIMITS
15	Iron (Fe)	Not more than 0.0005%
16	Magnesium (Mg)	Not more than 0.002%
17	Potassium (K)	Not more than 0.01%
18	Loss on drying (130°C)	Not more than 1.0%
19	Substance reducing iodine	Not more than 0.005%
20	Water insoluble matter	Not more than 0.01%

SAFETY SYMBOLS



Harmful / Irritant

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