

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Carbonate Anhydrous 99.5% AR

Catalog Number : O-5184

Batch Number : 5184-00000000

CAS Number : 497-19-8

Molecular Weight : 105.99 g/mol

Mol. Formula : Na_2CO_3

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White crystalline or granular powder	white granular powder
2	Assay (acidimetric, on anhydrous basis)	min 99.5 %	99.975%
3	Identity	passes test	passes test
4	Appearance of solution	passes test	passes test
5	Insoluble matter in water	max 0.01 %	0.005%
6	Moisture (at 300 °C)	max 0.5 %	0.39%
7	Chloride (Cl)	max 0.002 %	0.0006%
8	Phosphate and silicate (as SiO_2)	max 0.005 %	0.0014%
9	Total Sulphur (as SO_4)	max 0.005 %	0.0017%
10	Heavy metals (as Pb)	max 0.0005 %	0.00012%
11	Arsenic (As)	max 0.0005 %	0.00024%
12	Calcium (Ca)	max 0.03 %	0.015%
13	Iron (Fe)	max 0.0005 %	0.00027%
14	Potassium (K)	max 0.01 %	0.00200%
15	Magnesium (Mg)	max 0.005 %	0.002%

Corresponds to AR/ACS Grade, Confirms to BP, USP-NF

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIYO S.Si.
Manager QC