

Sodium Carbonate Anhydrous  
AR, ACS  
500 G



**RANKEM**

Material No.: S0168

Batch No.: J046H19

Manufactured Date: 2019-Aug-05

Expiration Date: 2024-Aug-05

CAS No.: 497-19-8

Molecular Formula:  $\text{Na}_2\text{CO}_3$

Molecular Mass: 105.99

## Certificate of Analysis

Test	Specification	Result
Guarantee Analysis	.	.
Assay (Dried Basis) ( $\text{Na}_2\text{CO}_3$ )	Min. 99.90 %	99.97 %
Identity	Passes test	Passes test
Maximum Limits Of Impurities	.	.
Insoluble Matter	Max. 0.0100 %	0.0041 %
Loss On Drying (At 285°C)	Max. 1.000 %	0.170 %
Chloride (Cl)	$\leq 0.001\%$	$\leq 0.001\%$
Iron (Fe)	$\leq 0.0005\%$	$\leq 0.0005\%$
Sulphur Compounds(As $\text{SO}_4$ )	$\leq 0.0025\%$	$\leq 0.0025\%$
Nitrate ( $\text{NO}_3$ )	$\leq 0.002\%$	$\leq 0.002\%$
Phosphate ( $\text{PO}_4$ )	$\leq 0.001\%$	$\leq 0.001\%$
Silica ( $\text{SiO}_2$ )	$\leq 0.0025\%$	$\leq 0.0025\%$
Aluminium(Al)	Max. 0.00100 %	0.00095 %
Calcium (Ca)	Max. 0.00500 %	0.00310 %
Heavy Metals (As Pb)	Max. 0.000500 %	Max. 0.000500 %
Magnesium (Mg)	Max. 0.00500 %	0.00460 %
Potassium(K)	Max. 0.00500 %	0.00460 %

The batch complies with the laid down specification.

This document has been produced electronically and is valid without signature. For questions on this Certificate of Analysis please contact Technical Services via Phone +91 (22) 41288100 or Email: [Info.lab@avantorsciences.com](mailto:Info.lab@avantorsciences.com).

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