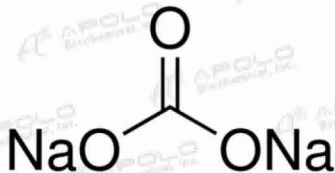


CERTIFICATE OF ANALYSIS

Product Name: Sodium Carbonate, Anhydrous

Chemical Structure:



Lot Number: ACSUC1090309
CAT Number: APL-WCPS-0000497
CAS Registry Number: 497-19-8
Manufacture Date: 12/2021
Expiry Date: 12/2024
Molecular Formula: Na_2CO_3
Molecular Weight: 105.99
Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Powder	Conforms
Cation and anion traces	Cl: $\leq 0.001 \%$	Cl: 0.0007 %
	PO_4 : $\leq 0.001 \%$	PO_4 : 0.0007 %
	SO_4 : $\leq 0.003 \%$	SO_4 : 0.001 %
	Pb: $\leq 0.0005 \%$	Pb: 0.0002 %
	Fe: $\leq 0.0005 \%$	Fe: 0.0002 %
Insoluble matter	Ca/Mg: $\leq 0.01 \%$	Ca/Mg: 0.001 %
	NH_4^+ : $\leq 0.01 \%$	NH_4^+ : 0.001 %
	$\leq 0.01 \%$	0.005 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 01/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO