



## Certificate of Analysis

### Sodium Carbonate Anhydrous ACS

**Catalog Number:** SC1004  
**Lot Number:** 0326903  
**CAS Number:** 497-19-8  
**Synonym(s):** Calcined soda, Carbonic acid disodium salt, Soda ash  
**Molecular Formula:** Na<sub>2</sub>CO<sub>3</sub>  
**Molecular Weight:** 105.99  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** October 2, 2018  
**Retest Date:** October 1, 2023

Test	Specification	Result
Appearance	White powder	Conforms
Assay	≥ 99.5%	100.13%
Identification	To meet requirements	Conforms
Moisture (LOD @ 285°C)	≤ 1.0%	0.18%
Insoluble Matter	≤ 0.01%	0.004%
Solubility (10%)	Clear & colorless	Conforms
Chloride	≤ 0.001%	< 0.001%
Phosphate	≤ 0.001%	< 0.001%
Silica	≤ 0.005%	< 0.005%
Sulfur Compounds	≤ 0.003%	< 0.003%
Heavy Metals	≤ 5ppm	< 5ppm
Iron	≤ 5ppm	< 5ppm
Calcium	≤ 0.03%	0.0058%
Magnesium	≤ 0.005%	0.0011%
Potassium	≤ 0.005%	0.0045%

Approved by:

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Date: March 26, 2019