



### Certificate of Analysis

**Product: Sodium Carbonate Monohydrate**  
**Item Number: SOCMM**  
**Grade: ACS/FCC**  
**Lot Number: KEK07321**  
**Manufacture Date: 11/30/2021**  
**Expiration Date: 11/29/2025**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	Min. 99.5%	100.46%
Appearance	Colorless or white crystals	White crystals
Identification	To pass test	Passes Test
Loss on drying at 150°C	13.0 – 15.0%	14.42%
Insoluble matter	Max. 0.01%	0.004%
Chloride (Cl)	Max. 0.001%	<0.001%
Phosphate (PO <sub>4</sub> )	Max. 5ppm	<5ppm
Silica (SiO <sub>2</sub> )	Max. 0.005%	<0.005%
Sulfur compounds (as SO <sub>4</sub> )	Max. 0.004%	<0.004%
Heavy metals (by ICP-OES)	Max. 5ppm	<5ppm
Iron (Fe)	Max. 5ppm	<5ppm
Calcium (Ca)	Max. 0.03%	0.0035%
Magnesium (Mg)	Max. 0.005%	0.001%
Potassium (K)	Max. 0.005%	0.0022%

#### Sodium Carbonate Monohydrate

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for

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