

**Certificate of Analysis**

**Product: Sodium Bicarbonate**  
**Item Number: SOBICGL**  
**Grade: Lab**  
**Lot Number: 5001615/1.1**  
**Manufacture Date: 05/23/2025**  
**Expiration Date: 05/22/2028**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Identification - Sodium	To pass the test	Pass
Identification - Bicarbonate	To pass the test	Pass
Assay	99.0 - 100.5%	99.7%
Loss on drying	Max 0.25%	< 0.01%
Ammonia	Max 20 ppm	Pass
pH - 1% Solution	8.0 - 8.6	8.2
Cumulative % Retained on 100 Mesh	0 % - 2 %	0.5 %
Cadmium	Max 0.3 ppm	<0.02 ppm
Lead	Max 0.3 ppm	<0.1 ppm
Arsenic	Max 0.9 ppm	0.1 ppm
Mercury	Max 1.0 ppm	<0.04 ppm
Chloride	Max 0.0150%	Pass
Sulfur compounds	Max 0.0150%	Pass
Insoluble Substance	1:20, Complete and clear	Pass
Cumulative % Retained on 200 Mesh	20 % - 45 %	35 %
Cumulative % Retained on 300 Mesh	60 % - 100 %	71%
Normal Carbonate	Solution doesn't assume more than a faint pink color immediately	Pass

[Sodium Bicarbonate](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory



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