

# Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-S25060-500GM	CHEMPURE Sodium Bicarbonate, ACS Grade, 500 G	225533-237467
Formula	Molecular Weight	CAS Number
CHNaO <sub>3</sub>	84.0	144-55-8

**QC TEST/RELEASE DATE:** 08/09/2024

**SUGGESTED RETEST DATE:** 02/02/2029

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White Powder	passed
2	Assay	%	99.7 - 100.3	99.7
3	Calcium (Ca)	%	≤ 0.02	0.009
4	Chloride (Cl)	%	≤ 0.003	0.0009
5	Heavy Metals	ppm	≤ 5	< 5
6	Identification		Pass Test	passed
7	Insoluble Matter	%	≤ 0.015	< 0.015
8	Iron	%	≤ 0.001	0.00013
9	Magnesium (Mg)	%	≤ 0.005	< 0.005
10	Phosphate	%	≤ 0.001	< 0.001
11	Potassium (K)	%	≤ 0.005	< 0.005
12	Sulfur Compound	%	≤ 0.003	< 0.003
13	BSE/TSE Free		BSE/TSE Free	passed
14	Country of Origin		Report	USA

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in Research and further manufacturing only. **NOT FOR DIRECT USE IN FOOD, DRUG, HUMANS, ANIMALS OR MEDICAL DEVICES.** Persons using this information should make their own determination regarding its suitability for their particular use.

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**Certified By:** **Jacques Swart**  
*Quality Control Manager*