

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-S58000-25KG	CHEMPURE Sodium Nitrate, ACS, 25 KG	287089-287113
Formula	Molecular Weight	CAS Number
NaNO ₃	84.99	7631-99-4

QC TEST/RELEASE DATE: 05/28/2026

SUGGESTED RETEST DATE: 08/31/2030

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Colorless or white solid	Passed
2	Assay	%	≥ 99.0	99.6
3	pH (5% solution @25 °C)		5.5 - 8.3	5.8
4	Insoluble Matter	%	≤ 0.005	0.003
5	Chloride (Cl)	%	≤ 0.001	< 0.001
6	Iodate	%	≤ 0.0005	< 0.0005
7	Nitrite	%	≤ 0.001	< 0.001
8	Sulfate	%	≤ 0.003	< 0.002
9	Phosphate	%	≤ 0.0005	< 0.0005
10	Calcium (Ca)	%	≤ 0.005	< 0.001
11	Magnesium (Mg)	%	≤ 0.002	< 0.001
12	Heavy Metals	%	≤ 0.0005	< 0.0005
13	Iron	%	≤ 0.0003	< 0.0003
14	BSE/TSE Free		BSE/TSE Free	passed
15	Country of Origin		India	passed

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all test data on this COA have been transcribed from supplier's/vendor's/third parties' test report or COAs. ChemPure Brand Chemicals may or may not perform all testing on the finished product unless specified by customers. 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.