

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-S23175-500GM	Sodium Phosphate Dibasic Heptahydrate, 500 G	261885-272898
Formula	Molecular Weight	CAS Number
$\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$	268.07	7782-85-6

QC TEST/RELEASE DATE: 07/09/2025

SUGGESTED RETEST DATE: 06/16/2028

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Fine White Crystalline Powder	passed
2	Phosphate Test (ID)		Pass	passed
3	Sodium Test (ID)		Pass	passed
4	Arsenic	ppm	≤ 16	< 16
5	Assay	%	98.0 - 100.5	100.1
6	Chloride (Cl)	%	≤ 0.06	< 0.06
7	Heavy Metals	ppm	≤ 20	< 20
8	Insoluble Matter	%	≤ 0.4	0.0
9	Loss on Drying	%	43.0 - 50.0	46.6
10	Residual Solvents		Conforms	Conforms
11	Sulfate	%	≤ 0.2	< 0.2
12	Aerobic Plate Count	CFU/g	≤ 1000	< 1000
13	Yeast and Mold Count	CFU/g	≤ 100	< 100
14	Total Coliforms		Negative	Negative
15	BSE/TSE Free		BSE/TSE Free	passed
16	Grade		USP	passed
17	Country of Origin		USA	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 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.

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