

## Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-A12800-2.5L	CHEMPURE Acetic Acid, 2.5 L	189067-218914
Formula	Molecular Weight	CAS Number
CH <sub>3</sub> COOH	60.05	64-19-7

**QC TEST/RELEASE DATE:** 02/08/2023

**SUGGESTED RETEST DATE:** 01/18/2028

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Clear and free of suspended matter	passed
2	Acetaldehyde	%	≤ 0.05	< 0.05
3	Assay	%	≥ 99.85	99.88
4	Chloride	ppm	≤ 1.0	< 1.0
5	Color, PTCO		≤ 10	1
6	Formic Acid	%	≤ 0.05	< 0.01
7	Freezing Point	°C	Report	16.40
8	Heavy Metals (as Pb)	ppm	≤ 0.5	< 0.5
9	Iron (Fe)	ppm	≤ 1.0	< 1.0
10	Water	%	≤ 0.15	0.02
11	BSE/TSE Free		BSE/TSE Free	passed
12	Non Animal Origin		Non Animal Origin	passed
13	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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