

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-W20525-10L	CHEMPURE Distilled Water, 10 L	238492-239942
Formula	Molecular Weight	CAS Number
H ₂ O	18.02	7732-18-5

QC TEST/RELEASE DATE: 09/23/2024

SUGGESTED RETEST DATE: 09/22/2026

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Clear Liquid	passed
2	Alkalinity (Total as CaCO ₃)	ppm	≤ 20	passed
3	Aluminum (Al)	ppm	≤ 0.2	passed
4	Antimony (Sb)	ppm	≤ 0.006	passed
5	Arsenic (As)	ppm	≤ 0.01	passed
6	Barium (Ba)	ppm	≤ 2	passed
7	Beryllium (Be)	ppm	≤ 0.004	passed
8	Boron (B)	ppm	≤ 1	passed
9	Bromate	ppm	≤ 0.010	passed
10	Bromide	ppm	≤ 0.005	passed
11	Cadmium (Cd)	ppm	≤ 0.005	passed
12	Calcium (Ca)	ppm	≤ 2	passed
13	Chloride (ASTM D5442)	ppb	≤ 50	passed
14	Chromium (Cr)	ppm	≤ 0.10	passed
15	Cobalt (Co)	ppm	≤ 0.15	passed
16	Conductivity (ASTM D1125)	μS/cm	≤ 5.0	2.2
17	Copper (Cu)	ppm	≤ 1	passed
18	E.Coli	MPN/100ml	≤ 1	passed

19	Fluoride	ppm	≤ 4	passed
20	Foaming Agents	mg/l	≤ 0.5	passed
21	Hardness (as CaCO3)	mg/l	≤ 10	passed
22	Heterotrophic Bacteria (F1094)	cfu/10ml	≤ 100	< 100
23	Iron (Fe)	ppm	≤ 0.3	passed
24	lead (Pb)	ppm	≤ 0.015	passed
25	Magnesium (Mg)	ppm	≤ 0.10	passed
26	Manganese (Mn)	ppm	≤ 0.05	passed
27	Mercury (Hg)	ppm	≤ 0.002	passed
28	Molybdenum (Mo)	ppm	≤ 0.15	passed
29	Nickel (Ni)	ppm	≤ 0.005	passed
30	Nitrate as N	ppm	≤ 10	passed
31	pH (ASTM D1293)		5.0 - 7.0	5.5
32	Phosphorous (P)	ppm	≤ 1	passed
33	Potassium (K)	ppm	≤ 1	passed
34	Resistivity (ASTM D1125)	megaohm	≥ 0.2	0.4
35	Scandium (SC)	ppm	≤ 0.15	passed
36	Selenium (Se)	ppm	≤ 0.05	passed
37	Silica (ASTM D4517)	ppb	No Limit	passed
38	Silver (Ag)	ppm	≤ 0.10	passed
39	Sodium (ASTM 6071)	ppb	≤ 50	< 50
40	Standard Plate Count	cfu/ml	≤ 500	passed
41	Strontium (Sr)	ppm	≤ 0.15	passed
42	sulfate	ppm	≤ 250	passed
43	Thallium (Tl)	ppm	≤ 0.002	passed
44	Tin (sn)	ppm	≤ 0.15	passed
45	Titanium (Ti)	ppm	≤ 0.15	passed
46	TOC (ASTM 5997)	ppm	No Limit	passed
47	Total Coliform	MPN/100ml	≤ 1	passed
48	Total Dissolved Solids	mg/L	≤ 5	< 5

49	Total Radium	pCi/l	0.5835 - 1.491	passed
50	Uranium (U)	ppm	≤ 0.030	passed
51	Vanadium (V)	ppm	≤ 0.15	passed
52	Zinc (Zn)	ppm	≤ 5	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 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