



GENERALWATER
TECHNOLOGIES

| **ennōpure**

CTS10 (NF Version) Performance Report

**General Water Technologies CTS10 Counter Top Dispenser:
Material Safety Report, May 2024**

Inspection Item	Test Result	Criteria Parameter	Qualify
Color	<5	≤5	Pass
Turbidity	0.18	≤0.5	Pass
Odor and Taste	None	None	Pass
Visible Particles	None	None	Pass
Permanganate Index (as O ₂)	1.55mg/L	≤2mg/L	Pass
Lead	<0.0007mg/L	≤0.001mg/L	Pass
Cadmium	<0.00006mg/L	≤0.0005mg/L	Pass
Mercury	<0.00007mg/L	≤0.0002mg/L	Pass
Chromium (Hexavalent)	<0.004mg/L	≤0.005mg/L	Pass
Arsenic	<0.00009mg/L	≤0.001mg/L	Pass
Volatile Phenols (as Phenol)	<0.002mg/L	≤0.002mg/L	Pass
Total Bacterial Count	Not Detected	≤100CFU/ml	Pass
Total Coliforms	Not Detected	Not Detected	Pass
Thermo-tolerant Coliforms	Not Detected	Not Detected	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD, tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-1, May 15, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Material Safety
Report (Continuously Operated for 1 Hour), June 2024**

Inspection Item	Test Result	Criteria Parameter	Qualify
Color	<5	≤5	Pass
Turbidity	0.13	≤0.5	Pass
Odor and Taste	None	None	Pass
Visible Particles	None	None	Pass
Iron	<0.0009mg/L	≤0.2mg/L	Pass
Manganese	<0.00006mg/L	≤0.05mg/L	Pass
Copper	<0.00009mg/L	≤1.0mg/L	Pass
Arsenic	<0.00009mg/L	≤0.01mg/L	Pass
Cadmium	<0.00006mg/L	≤0.003mg/L	Pass
Lead	<0.00007mg/L	≤0.01mg/L	Pass
Nickel	<0.0001mg/L	≤0.02/ml	Pass
Chromium (Hexavalent)	<0.004mg/L	≤0.05mg/L	Pass
Sulfate	<0.665mg/L	≤100mg/L	Pass
Cyanide	<0.002mg/L	≤0.05mg/L	Pass
Nitrate	<0.2mg/L	≤10mg/L	Pass
Permanganate Index (as O ₂)	0.36mg/L	≤2.0mg/L	Pass
Volatile Phenols (as Phenol)	<0.002mg/L	≤0.002mg/L	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD, tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-4-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Material Safety Report
(Continuously Operated for 8 Hours), June 2024**

Inspection Item	Test Result	Criteria Parameter	Qualify
Color	<5	≤5	Pass
Turbidity	0.18	≤0.5	Pass
Odor and Taste	None	None	Pass
Visible Particles	None	None	Pass
Iron	<0.0009mg/L	≤0.2mg/L	Pass
Manganese	<0.00006mg/L	≤0.05mg/L	Pass
Copper	<0.00009mg/L	≤1.0mg/L	Pass
Arsenic	<0.00009mg/L	≤0.01mg/L	Pass
Cadmium	<0.00006mg/L	≤0.003mg/L	Pass
Lead	<0.00007mg/L	≤0.01mg/L	Pass
Nickel	<0.0001mg/L	≤0.02/ml	Pass
Chromium (Hexavalent)	<0.004mg/L	≤0.05mg/L	Pass
Sulfate	<0.659mg/L	≤100mg/L	Pass
Cyanide	<0.002mg/L	≤0.05mg/L	Pass
Nitrate	<0.2mg/L	≤10mg/L	Pass
Permanganate Index (as O ₂)	0.40mg/L	≤2.0mg/L	Pass
Volatile Phenols (as Phenol)	<0.002mg/L	≤0.002mg/L	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD, tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-4-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Overall
Performance Test (0m³ Start/End of Flow), June 2024**

Inspection Item	Before Filtration	After Filtration	Criteria Parameter	Qualify
Color	<5	<5	≤5	Pass
Turbidity	0.24	0.11	≤0.5	Pass
Odor and Taste	None	None	None	Pass
Visible Particles	None	None	None	Pass
pH	7.33	6.89	6.0-8.5	Pass
Total Hardness (as CaCO ₃)	128mg/L	22mg/L	≤300mg/L	Pass
Aluminum	0.000617mg/L	0.00173mg/L	≤0.2mg/L	Pass
Iron	0.0034mg/L	<0.0009mg/L	≤0.2mg/L	Pass
Manganese	<0.0009mg/L	<0.00039mg/L	≤0.05mg/L	Pass
Copper	0.00176mg/L	<0.00009mg/L	≤1.0mg/L	Pass
Zinc	0.00256mg/L	0.0137mg/L	≤1.0mg/L	Pass
Volatile Phenols (as Phenol)	<0.002mg/L	<0.002mg/L	≤0.002mg/L	Pass
Sulfate	68.1mg/L	7.47mg/L	≤100mg/L	Pass
Chloride	53.6mg/L	5.21mg/L	≤100mg/L	Pass
Total Dissolved Solids (TDS)	299mg/L	46mg/L	≤500mg/L	Pass
Permanganate Index (as O ₂)	1.36mg/L	<0.66mg/L	≤2.0mg/L	Pass
Arsenic	0.00041mg/L	<0.00009mg/L	≤0.01mg/L	Pass
Cadmium	<0.00006mg/L	<0.0006mg/L	≤0.003mg/L	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD,
tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-2-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Overall Performance
Test (0m³ Start/End of Flow, Continued), June 2024**

Inspection Item	Before Filtration	After Filtration	Criteria Parameter	Grade
Chromium (Hexavalent)	<0.004mg/L	<0.004mg/L	≤0.05mg/L	Pass
Cyanide	<0.002mg/L	<0.002mg/L	≤0.05mg/L	Pass
Fluoride	0.5mg/L	<0.2mg/L	≤1.0mg/L	Pass
Lead	0.00039mg/L	0.00013mg/L	≤0.01mg/L	Pass
Mercury	<0.00007mg/L	<0.00007mg/L	≤0.001mg/L	Pass
Nitrate	1.6mg/L	<0.2mg/L	≤10mg/L	Pass
Selenium	0.00021mg/L	<0.00010mg/L	≤0.01mg/L	Pass
Chloroform	0.03µg/L	<0.03µg/L	≤30µg/L	Pass
Carbon Tetrachloride	<0.2µg/L	<0.2µg/L	≤2µg/L	Pass
Residual Chlorine	0.15mg/L	<0.03mg/L	/	Pass
Total Bacterial Count	Not Detected	Not Detected	≤50CFU/ml	Pass
Total Coliforms	Not Detected	Not Detected	Not Detected	Pass
Thermo-tolerant Coliforms	Not Detected	Not Detected	Not Detected	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD, tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-2-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Overall Performance
Test (4m³ Start/End of Flow), June 2024**

Inspection Item	Before Filtration	After Filtration	Criteria Parameter	Qualify
Color	<5	<5	≤5	Pass
Turbidity	0.22	0.14	≤0.5	Pass
Odor and Taste	None	None	None	Pass
Visible Particles	None	None	None	Pass
pH	7.31	6.78	6.0-8.5	Pass
Total Hardness (as CaCO ₃)	138mg/L	21mg/L	≤300mg/L	Pass
Aluminum	0.00309mg/L	0.0012mg/L	≤0.2mg/L	Pass
Iron	0.0009mg/L	<0.0009mg/L	≤0.2mg/L	Pass
Manganese	<0.00146mg/L	<0.00006mg/L	≤0.05mg/L	Pass
Copper	0.00269mg/L	<0.00009mg/L	≤1.0mg/L	Pass
Zinc	0.0399mg/L	0.0182mg/L	≤1.0mg/L	Pass
Volatile Phenols (as Phenol)	<0.002mg/L	<0.002mg/L	≤0.002mg/L	Pass
Sulfate	70.1mg/L	1.65mg/L	≤100mg/L	Pass
Chloride	55.4mg/L	3.10mg/L	≤100mg/L	Pass
Total Dissolved Solids (TDS)	266mg/L	35mg/L	≤500mg/L	Pass
Permanganate Index (as O ₂)	1.44mg/L	0.7mg/L	≤2mg/L	Pass
Arsenic	0.00035mg/L	<0.00009mg/L	≤0.01mg/L	Pass
Cadmium	<0.00006mg/L	<0.0006mg/L	≤0.003mg/L	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD,
tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-2-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser: Overall Performance
Test (4m³ Start/End of Flow,Continued), June 2024**

Inspection Item	Before Filtration	After Filtration	Criteria Parameter	Grade
Chromium (Hexavalent)	<0.002mg/L	<0.002mg/L	≤0.05mg/L	Pass
Cyanide	<0.002mg/L	<0.002mg/L	≤0.05mg/L	Pass
Fluoride	0.4mg/L	<0.2mg/L	≤1.0mg/L	Pass
Lead	0.00026mg/L	0.00116mg/L	≤0.01mg/L	Pass
Mercury	<0.00007mg/L	<0.00007mg/L	≤0.001mg/L	Pass
Nitrate	1.1mg/L	<0.2mg/L	≤10mg/L	Pass
Selenium	0.00054mg/L	<0.00010mg/L	≤0.01mg/L	Pass
Chloroform	0.03μg/L	<0.03μg/L	≤30μg/L	Pass
Carbon Tetrachloride	<0.2μg/L	<0.2μg/L	≤2μg/L	Pass
Residual Chlorine	0.09mg/L	<0.01mg/L	/	Pass
Total Bacterial Count	Not Detected	Not Detected	≤50CFU/ml	Pass
Total Coliforms	Not Detected	Not Detected	Not Detected	Pass
Thermo-tolerant Coliforms	Not Detected	Not Detected	Not Detected	Pass

*Testing conducted by certified lab: CCIC PHYSICAL AND CHEMICAL TESTING CO., LTD, tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-2-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
Spike Test (0m³ Start of Flow), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Arsenic	0.286mg/L	<0.00009mg/L	99.9%	≥83%	Pass
Cadmium	0.0311mg/L	<0.00006mg/L	99.9%	≥83%	Pass
Chromium (Hexavalent)	0.156mg/L	<0.013mg/L	91.7%	≥67%	Pass
Fluoride	8.12mg/L	<0.88mg/L	89.2%	≥75%	Pass
Lead	0.146mg/L	<0.00148mg/L	99.0%	≥90%	Pass
Nitrate Nitrogen	34.8mg/L	<4.1mg/L	88.2%	≥67%	Pass
Carbon Tetrachloride	88μg/L	<0.21μg/L	99.9%	≥98%	Pass
Trichloromethane	351μg/L	<0.03μg/L	99.9%	≥95%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-3-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
Spike Test (1m³ Start of Flow), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Arsenic	0.298mg/L	<0.00015mg/L	99.9%	≥83%	Pass
Cadmium	0.0314mg/L	<0.00006mg/L	99.9%	≥83%	Pass
Chromium (Hexavalent)	0.145mg/L	<0.015mg/L	89.7%	≥67%	Pass
Fluoride	8.14mg/L	<0.93mg/L	88.6%	≥75%	Pass
Lead	0.144mg/L	<0.00245mg/L	98.3%	≥90%	Pass
Nitrate Nitrogen	32.1mg/L	<4.6mg/L	85.7%	≥67%	Pass
Carbon Tetrachloride	79µg/L	<0.21µg/L	99.9%	≥98%	Pass
Trichloromethane	343µg/L	<0.03µg/L	99.9%	≥95%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-3-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
Spike Test (2m³ Start of Flow), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Arsenic	0.282mg/L	<0.00029mg/L	99.9%	≥83%	Pass
Cadmium	0.0306mg/L	<0.00006mg/L	99.9%	≥83%	Pass
Chromium (Hexavalent)	0.154mg/L	<0.018mg/L	88.3%	≥67%	Pass
Fluoride	8.11mg/L	<0.96mg/L	88.2%	≥75%	Pass
Lead	0.146mg/L	<0.00140mg/L	99.0%	≥90%	Pass
Nitrate Nitrogen	33.2mg/L	<4.8mg/L	85.5%	≥67%	Pass
Carbon Tetrachloride	74μg/L	<0.21μg/L	99.9%	≥98%	Pass
Trichloromethane	346μg/L	<0.03μg/L	99.9%	≥95%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-3-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
Spike Test (3m³ Start of Flow), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Arsenic	0.285mg/L	<0.00009mg/L	99.9%	≥83%	Pass
Cadmium	0.0310mg/L	<0.00006mg/L	99.9%	≥83%	Pass
Chromium (Hexavalent)	0.161mg/L	<0.020mg/L	87.6%	≥67%	Pass
Fluoride	8.15mg/L	<1.02mg/L	87.5%	≥75%	Pass
Lead	0.144mg/L	<0.00029mg/L	99.8%	≥90%	Pass
Nitrate Nitrogen	33.1mg/L	<4.8mg/L	85.5%	≥67%	Pass
Carbon Tetrachloride	86µg/L	<0.21µg/L	99.9%	≥98%	Pass
Trichloromethane	356µg/L	<0.03µg/L	99.9%	≥95%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-3-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
Spike Test (3m³ Start of Flow), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Arsenic	0.258mg/L	<0.00009mg/L	99.9%	≥83%	Pass
Cadmium	0.0287mg/L	<0.00009mg/L	99.9%	≥83%	Pass
Chromium (Hexavalent)	0.139mg/L	<0.022mg/L	84.2%	≥67%	Pass
Fluoride	8.13mg/L	<1.22mg/L	85.0%	≥75%	Pass
Lead	0.135mg/L	<0.00064mg/L	99.5%	≥90%	Pass
Nitrate Nitrogen	31.9mg/L	<5.2mg/L	83.7%	≥67%	Pass
Carbon Tetrachloride	82μg/L	<0.21μg/L	99.9%	≥98%	Pass
Trichloromethane	314μg/L	<0.03μg/L	99.9%	≥95%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023, Report Number: SHJSQ24004228004-3-R1, June 4, 2024

**General Water Technologies CTS10 Counter Top Dispenser:
TDS Removal (Desalination Rate Test), June 2024**

Inspection Item	Spiked Raw Water	Filtered Water	Removal Rate	Criteria Parameter	Qualify
Sodium Chloride	241mg/L	115mg/L	52.3%	≤75%	Pass
Magnesium Sulfate	269mg/L	18mg/L	93.3%	≥90%	Pass

*Testing conducted by certified lab: Jiangsu Health Detection Technology Co., Ltd., tested for GB/T 5750-2023 and QB/T 4144-2019, Report Number: SHJSQ24004228004-5, June 11, 2024