

# Gunsan k-water quality test results

[August, 2025]

○ Water sampling date: August 4. ~ August 5.

○ Test period: August 4. ~ August 31.

No.	Test items	water standards	Test results		No.	Test items	water standards	Test results	
			Water Plant	Gunsan water				Water Plant	Gunsan water
1	Bacteria	100CFU/mlLess	0	0	31	Xylene	0.5mg/lLess	ND	ND
2	Total Coliforms	ND/100ml	ND	ND	32	1,1-Dichloroethylene	0.03mg/lLess	ND	ND
3	E.coli	ND/100ml	ND	ND	33	Tetrachlorocarbon	0.002mg/lLess	ND	ND
4	Pb	0.01mg/lLess	ND	ND	34	1,2-dibrom-3-chloropropane	0.003mg/lLess	ND	ND
5	F	1.5mg/lLess	ND	ND	35	chloralhydrate	0.03mg/lLess	0.0031	0.0043
6	As	0.01mg/lLess	ND	ND	36	Dibromacetonitrile	0.1mg/lLess	ND	ND
7	Se	0.01mg/lLess	ND	ND	37	Dichloroacetonitrile	0.09mg/lLess	0.0021	0.0023
8	Hg	0.001mg/lLess	ND	ND	38	Trichloroacetonitrile	0.004mg/lLess	ND	ND
9	CN	0.01mg/lLess	ND	ND	39	Haloaceticacid	0.1mg/lLess	0.021	0.031
10	Cr	0.05mg/lLess	ND	ND	40	Residual chlorine	4.0mg/lLess	0.71	0.57
11	NH <sub>3</sub> -N	0.5mg/lLess	ND	ND	41	Hardness	300mg/lLess	35	35
12	NO <sub>3</sub> -N	10mg/lLess	1.6	1.6	42	Consumption of potassium permanganate	10mg/lLess	2.5	2.9
13	B	1.0mg/lLess	ND	0.01	43	Smell	only the raw smell of disinfection	None	None
14	Cd	0.005mg/lLess	ND	ND	44	Taste	only the raw taste of disinfection	None	None
15	Phenol	0.005mg/lLess	ND	ND	45	Cu	1mg/lLess	ND	0.005
16	Diazinon	0.02mg/lLess	ND	ND	46	Color	5 Less	ND	ND
17	Parathion	0.06mg/lLess	ND	ND	47	ABS	0.5mg/lLess	ND	ND
18	Fenitrothion	0.04mg/lLess	ND	ND	48	pH	5.8 ~ 8.5	6.9	7.0
19	Carbaryl	0.07mg/lLess	ND	ND	49	Zn	3mg/lLess	0.002	0.004
20	Trihalomethanes	0.1mg/lLess	0.024	0.029	50	Cl <sup>-</sup>	250mg/lLess	15.2	15.4
21	chloroform	0.08mg/lLess	0.019	0.023	51	Residue on evaporation	500mg/lLess	85	92
22	1,1,1-Trichloroethane	0.1mg/lLess	ND	ND	52	Fe	0.3mg/lLess	ND	ND
23	Tetrachloroethylene	0.01mg/lLess	ND	ND	53	Mn	0.05mg/lLess	ND	ND
24	Trichloroethylene	0.03mg/lLess	ND	ND	54	Turbidity	0.5NTULess	0.07	0.06
25	bromochloromethane	0.03mg/lLess	0.005	0.006	55	SO <sub>4</sub> <sup>2-</sup>	200mg/lLess	6	6
26	dibromochloromethane	0.1mg/lLess	ND	ND	56	Al	0.2mg/lLess	ND	0.03
27	Dichloromethane	0.02mg/lLess	ND	ND	57	1,4-dioxane	0.05mg/lLess	ND	ND
28	Benzene	0.01mg/lLess	ND	ND	58	Formaldehyde	0.5mg/lLess	ND	ND
29	Toluene	0.7mg/lLess	ND	ND	59	Bromate	0.01mg/lLess	0.0007	0.0006
30	Ethylbenzene	0.3mg/lLess	ND	ND	Test results			Suitable	Suitable
Test results			Suitable	Suitable	Test results			Suitable	Suitable