

Gunsan k-water quality test results

(July, 2024)

○ Water sampling date : July 1.

○ Test period : July 1. ~ July 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	1,2dibromo-3-chloropropane	0.003mg/lLess	ND	ND
2	Total Coliforms	ND/100ml	ND	ND	32	1,4-dioxane	0.05mg/lLess	ND	ND
3	E.coli	ND/100ml	ND	ND	33	Residual chlorine	4.0mg/lLess	0.88	0.32
4	Pb	0.01mg/lLess	ND	ND	34	Trihalomethanes	0.1mg/lLess	0.026	0.028
5	F	1.5mg/lLess	ND	ND	35	chloroform	0.08mg/lLess	0.020	0.021
6	As	0.01mg/lLess	ND	ND	36	bromodichloromethane	0.03mg/lLess	0.006	0.007
7	Se	0.01mg/lLess	ND	ND	37	dibromochloromethane	0.1mg/lLess	ND	ND
8	Hg	0.001mg/lLess	ND	ND	38	chloralhydrate	0.03mg/lLess	0.0024	0.0050
9	CN	0.01mg/lLess	ND	ND	39	Dibromoacetonitrile	0.1mg/lLess	ND	ND
10	Cr	0.05mg/lLess	ND	ND	40	Dichloroacetonitrile	0.09mg/lLess	0.0016	0.0023
11	NH ₃ -N	0.5mg/lLess	ND	ND	41	Trichloroacetonitrile	0.004mg/lLess	ND	ND
12	NO ₃ -N	10mg/lLess	1.2	1.3	42	Haloaceticacid	0.1mg/lLess	0.017	0.022
13	Cd	0.005mg/lLess	ND	ND	43	Formaldehyde	0.5mg/lLess	ND	ND
14	B	1.0mg/lLess	0.01	0.01	44	Hardness	300mg/lLess	47	29
15	Bromate	0.01mg/lLess	0.0007	0.0011	45	Consumption of potassium permanganate	10mg/lLess	1.4	1.3
16	Phenol	0.005mg/lLess	ND	ND	46	Smell	only the raw smell of disinfection	None	None
17	Diazinon	0.02mg/lLess	ND	ND	47	Taste	only the raw taste of disinfection	None	None
18	Parathion	0.06mg/lLess	ND	ND	48	Cu	1mg/lLess	ND	0.005
19	Fenitrothion	0.04mg/lLess	ND	ND	49	Color	5 Less	ND	ND
20	Carbaryl	0.07mg/lLess	ND	ND	50	ABS	0.5mg/lLess	ND	ND
21	1,1,1-Trichloroethane	0.1mg/lLess	ND	ND	51	pH	5.8 ~ 8.5	7.1	6.9
22	Tertachloroethylene	0.01mg/lLess	ND	ND	52	Zn	3mg/lLess	ND	0.006
23	Trichloroethylene	0.03mg/lLess	ND	ND	53	Cl ⁻	250mg/lLess	11.8	12.1
24	Dichloromethane	0.02mg/lLess	ND	ND	54	Residue on evaporation	500mg/lLess	80	86
25	Benzene	0.01mg/lLess	ND	ND	55	Fe	0.3mg/lLess	ND	ND
26	Toluene	0.7mg/lLess	ND	ND	56	Mn	0.05mg/lLess	ND	ND
27	Ethylbenzene	0.3mg/lLess	ND	ND	57	Turbidity	0.5NTULess	0.04	0.05
28	Xylene	0.5mg/lLess	ND	ND	58	SO ₄ ²⁻	200mg/lLess	6	6
29	1,1-Dichloroethylene	0.03mg/lLess	ND	ND	59	Al	0.2mg/lLess	ND	ND
30	Tetrachlorocarbon	0.002mg/lLess	ND	ND					
Test results			Suitable	Suitable	Test results			Suitable	Suitable