

Gunsan k-water quality test results

(June, 2024)

- Water sampling date : June 3.
- Test period : June 4. ~ June 30.

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/mL	0	0	31	1,2dibromo-3-chloropropane	0.003mg/L	ND	ND
2	Total Coliforms	ND/100mℓ	ND	ND	32	1,4-dioxane	0.05mg/L	ND	ND
3	E.coli	ND/100mℓ	ND	ND	33	Residual chlorine	4.0mg/L	0.81	0.60
4	Pb	0.01mg/L	ND	ND	34	Trihalomethanes	0.1mg/L	0.018	0.026
5	F	1.5mg/L	ND	ND	35	chloroform	0.08mg/L	0.014	0.020
6	As	0.01mg/L	ND	ND	36	bromodichloromethane	0.03mg/L	0.004	0.006
7	Se	0.01mg/L	ND	ND	37	dibromochloromethane	0.1mg/L	ND	ND
8	Hg	0.001mg/L	ND	ND	38	chloralhydrate	0.03mg/L	0.002	0.0036
9	CN	0.01mg/L	ND	ND	39	Dibromoacetonitrile	0.1mg/L	ND	ND
10	Cr	0.05mg/L	ND	ND	40	Dichloroacetonitrile	0.09mg/L	0.0014	0.0018
11	NH ₃ -N	0.5mg/L	ND	ND	41	Trichloroacetonitrile	0.004mg/L	ND	ND
12	NO ₃ -N	10mg/L	1.5	1.5	42	Haloaceticacid	0.1mg/L	0.015	0.021
13	Cd	0.005mg/L	ND	ND	43	Formaldehyde	0.5mg/L	ND	ND
14	B	1.0mg/L	0.01	0.01	44	Hardness	300mg/L	29	29
15	Bromate	0.01mg/L	0.0006	0.0009	45	Donsumption of ptasium permanganate	10mg/L	1.6	1.6
16	Phenol	0.005mg/L	ND	ND	46	Smell	only the raw smell of disinfection	None	None
17	Diazinon	0.02mg/L	ND	ND	47	Taste	only the raw taste of disinfection	None	None
18	Parathion	0.06mg/L	ND	ND	48	Cu	1mg/L	ND	0.014
19	Fenitrothion	0.04mg/L	ND	ND	49	Color	5 Less	ND	ND
20	Carbaryl	0.07mg/L	ND	ND	50	ABS	0.5mg/L	ND	ND
21	1,1,1-Trichloroethane	0.1mg/L	ND	ND	51	pH	5.8 ~ 8.5	7.1	6.7
22	Tertachloroethylene	0.01mg/L	ND	ND	52	Zn	3mg/L	ND	0.004
23	Trichloroethylene	0.03mg/L	ND	ND	53	Cl ⁻	250mg/L	11.8	11.8
24	Dichloromethane	0.02mg/L	ND	ND	54	Residue on evaporation	500mg/L	76	80
25	Benzene	0.01mg/L	ND	ND	55	Fe	0.3mg/L	ND	ND
26	Toluene	0.7mg/L	ND	ND	56	Mn	0.05mg/L	ND	ND
27	Ethylbenzene	0.3mg/L	ND	ND	57	Turbidity	0.5NTU	0.03	0.04
28	Xylene	0.5mg/L	ND	ND	58	SO ₄ ²⁻	200mg/L	6	6
29	1,1-Dichloroethylene	0.03mg/L	ND	ND	59	Al	0.2mg/L	ND	ND
30	Tetrchlorocarbon	0.002mg/L	ND	ND					
Test results			Suitable	Suitable	Test results			Suitable	Suitable