

Test Item	Unit	Drinking Water Standard	In-Flow Conc.	Out-Flow Conc.	Test Conditions
Tetrachlorocarbon	mg/ℓ	below 0.002	Not detected	Not detected	Water Temp. : 18℃ Water Press. : 1.0 kgf/cm ²
Diazinon	"	below 0.02	Not detected	Not detected	
Parathion	"	below 0.06	Not detected	Not detected	
Fenitrothion	"	below 0.04	Not detected	Not detected	
Carbaryl	"	below 0.07	Not detected	Not detected	
1,2-Dibromo-3-chloropropane	"	below 0.003	Not detected	Not detected	
Total trihalomethane	"	below 0.1	0.030	Not detected	
Chloral hydrate	"	below 0.03	0.0108	Not detected	
Dibromoacetonitrile	"	below 0.1	0.0036	Not detected	
Dichloroacetonitrile	"	below 0.09	Not detected	Not detected	
Trichloroacetonitrile	"	below 0.004	Not detected	Not detected	
Haloacetic acid	"	below 0.1	0.0199	Not detected	
General Bacteria	CFU/mℓ	below 100	Tap Water	Not detected	
Total Coliform	-	negative	Tap Water	Not detected	
Hardness	mg/ℓ	below 300	Tap Water	51	
KMnO ₄ Consumed	"	below 10	Tap Water	0.6	
Cu	"	below 1.0	Tap Water	Not detected	
Surfactant(Anion)	"	below 0.5	Tap Water	Not detected	
pH	-	5.8-8.5	Tap Water	7.6	
Zn	"	below 1.0	Tap Water	Not detected	
Cl	"	below 250	Tap Water	11	
Total Solid	"	below 500	Tap Water	100	
Fe	"	below 0.3	Tap Water	Not detected	
Mn	"	below 0.3	Tap Water	Not detected	
SO ₄ ²⁻	"	below 200	Tap Water	7	
Al	"	below 0.2	Tap Water	0.05	
Decision	This product has passed in forty-seven items for drinking water test				
Purpose	Quality Review				

It is certified that this results are the water purification ability test of the product.

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INSTITUTE OF GLOBAL ENVIRONMENT, KYUNG-HEE UNIVERSITY

