

REPORT OF ANALYSIS

Sample Identification : Sample Air 9 Sesudah Dialirkan ke Produk PIPA PE Rucika Black
Date of Analysis : June 4, 2021 to June 17, 2021

Parameter	Unit	Test Results	Threshold Limit Value	Methods *) Part Number
<i>Parameter I</i>				
<i>a). Microbiological</i>				
Total Coliform	Colony / 100 mL	0	0	9222 B
<i>Escherichia coli</i>	Colony / 100 mL	0	0	9222 G
<i>b). Inorganic Chemical</i>				
Arsenic	mg/L	< 0.001	0.01	3114 C
Fluoride	mg/L	0.24	1.5	4500 F-D
Chromium Total	mg/L	< 0.01	0.05	3120 B, 3030 E
Cadmium	mg/L	< 0.001	0.003	3113 B
Nitrite as NO ₂ ⁻	mg/L	< 0.003	3	4500 NO ₂ -B
Nitrate as NO ₃ ⁻	mg/L	0.85	50	4500 NO ₃ -B
Cyanide	mg/L	< 0.01	0.07	4500 CN-E
Selenium	mg/L	< 0.001	0.01	3114 C
<i>Parameter II</i>				
<i>a). Physical</i>				
Odour *	-	Odourless	Odourless	PO/LK/156 (Organoleptic)
Colour	TCU	< 1.5	15	2120 C
Total Dissolved Solid	mg/L	169	500	PO/LK/40 (Electrometric)
Turbidity at lab	NTU	0.2	5	2130 B
Taste *	-	Tasteless	Tasteless	PO/LK/156 (Organoleptic)
Temperature at lab	°C	23	Ambient Temp. ± 3 °C	2550 B
<i>b). Chemical</i>				
Aluminium	mg/L	< 0.04	0.2	3120 B
Iron	mg/L	< 0.02	0.3	3120 B
Total Hardness as CaCO ₃	mg/L	71	500	2340 B
Chloride	mg/L	3.8	250	4500 Cl-D
Manganese	mg/L	< 0.01	0.4	3120 B
pH at lab	-	8.2	6.5 – 8.5	4500 H ⁺ -B
Zinc	mg/L	< 0.01	3	3120 B
Sulfate	mg/L	< 0.6	250	SNI 06-6989.20:2009
Copper	mg/L	< 0.01	2	3120 B
Ammonia	mg/L	< 0.01	1.5	4500 NH ₃ -F
<i>Additional Parameter</i>				
<i>Inorganic Chemical</i>				
Mercury	mg/L	< 0.0008	0.001	3112 B
Antimony	mg/L	< 0.001	0.02	3114 C
Barium	mg/L	< 0.01	0.7	3120 B
Boron	mg/L	< 0.01	0.5	3120 B
Molybdenum	mg/L	< 0.01	0.07	3120 B
Nickel	mg/L	< 0.02	0.07	3120 B
Sodium	mg/L	9.69	200	3120 B
Lead	mg/L	< 0.003	0.01	3113 B

Parameter I is the parameter which have direct connection with human healthy
Parameter II is the parameter which have indirect connection with human healthy

*) Standard Methods, 23rd Edition 2017, APHA-AWWA-WEF

*) Excluded the scope of accreditation KAN

< = Less than the detection limit indicated

Note :

Based on attachment I of the regulation Health Minister Decree No. : 492/MENKES/PER/IV/2010, all parameter above must be tested and reported according to requirements for Drinking Water Quality and ongoing quality monitoring.

For another parameter of drinking water quality which are not mentioned in this test result, it should be tested especially if there is any suspected or indication of pollution substance i.e. : Microbiological, Inorganic chemical, Organic Chemical, Pesticides Compound and Radioactivity, as per attached in appendix II of the regulation



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