ANALYTICAL REPORT JE25-01674_R0

Client	No BOSS/OM Order linked	Order Number	SF# 2065714-R1 / Afaq Alkun Kids
		Project Description	Default
Address		Matrix (No. samples)	Water [1]
Sampled date	06/07/2025	SGS Reference	JE25-01674
Sampled by	by SGS	Received	06/07/2025
Approved	08/07/2025	Analysis started	06/07/2025
Date Reported	08/07/2025	Analysis completed	08/07/2025

Sample Number	JE25-01674.001
Sample Name	Sanitary Water
Sample Matrix	Water

Parameter	Method	Units	RL	Result
pH	[APHA 4500 H+B 24th Edition]	-	1	7.20
Total Dissolved Solids	[APHA 2540 C, 24th Edition]	mg/L	5	282
Chloride	[APHA 4110B 24th Edition]	mg/L	0.02	100.8
Fluoride	[APHA 4110B 24th Edition]	mg/L	0.03	0.04
Sulphate	[APHA 4110B 24th Edition]	mg/L	0.02	32.5
Bromate	[APHA 4110D 24th Edition]	mg/L	0.005	<0.005
Calcium (Ca)	[ASTM D6919-17]	mg/L	0.03	21.450
Magnesium (Mg)	[ASTM D6919-17]	mg/L	0.03	7.670
Alkalinity	[APHA 2320B 24th Edition]	mg/L	1	32.40
Total Hardness as CaCO3	[APHA 2340 C, 24th Edition]	mg/L	1	85
Free Chlorine	[APHA 4500-Cl G 24th Edition]	mg/L	0.1	<0.1
Chromium (Cr)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.001	0.001
Copper (Cu)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.001	0.019
Iron (Fe)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.003	0.007
Lead (Pb)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.001	<0.001
Manganese (Mn)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.001	0.002
Nickel (Ni)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.001	0.010
Zinc (Zn)	[Preparation for ICP+APHA 3125, 24th Edition]	mg/L	0.002	0.117
Potassium(K)	[APHA 3120B 24th Edition]	mg/L	0.05	2.89
Sodium(Na)	[APHA 3120B 24th Edition]	mg/L	0.05	55.83
Total Bacterial Plate Count	[APHA 9215 C, 24th Edition]	CFU/mL	10	3000
E.coli	[APHA 9221 F]	MPN/100 mL	1.8	<1.8
Total Coliforms	[APHA 9222 B 24th Edition]	CFU/100mL	1	<1
Fecal Colifroms	[APHA 9222 D, 24th Edition]	CFU/100mL	1	<1

The laboratory considers the result not conform to the specification if its value is greater than the upper limit, and/or smaller than the lower limit. Otherwise the result is considered conform the specification. The measurement uncertainty is not considered in the conformity assessment.
Whilst SGS laboratories conform to ISO/IEC 17025 standards, results of analysis in this report fall outside of the current scope accreditation

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Laboratory Supervisor

— End of the analytical report —

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