

Test results

Benchmark Genetics Iceland hf.
Bæjarhrauni 14
220 Hafnarfjörður

Report no. : 22116-22
Sample type: Water
Date of reception : 22.8.2022
Date of analysis : 22.8.2022
Sampling: Benchmark Genetics Iceland hf.
Contact: Hector Rodriguez
Establishment : Eldisstöð Kalmannstjörn - Nesvegur 50
Approval no. FE-1074

Sample no.	Measurement	Result	Unit	Method
22-9024	Freshwater - Inlet, 22.08.2022			
	Total suspended solids (TSS)	< 2	mg/L +/- 19%	Standard methods 2540 D
*	BOD5	< 1	mg/L	HACH-BOD direct plus, respirometric
	COD	17	mg/L +/- 16%	HACH - Method 8000
	Total Phosphor P	0,1	mg/L +/- 8%	HACH - Method 8180
	Total Nitrogen N	< 0,5	mg/L +/- 16%	HACH - Method 10071
*	Ammonia NH ₃ -N - wastewater	< 0,4	mg/L	HACH - Method 10031
*	TOC	1,7	mg/L	DIN EN 1484: 1997-08
22-9025	Saltwater - Inlet, 22.08.2022			
	Total suspended solids (TSS)	10	mg/L +/- 19%	Standard methods 2540 D
*	BOD5	< 1	mg/L	HACH-BOD direct plus, respirometric
	COD	114	mg/L +/- 16%	HACH - Method 8000
	Total Phosphor P	0,1	mg/L +/- 8%	HACH - Method 8180
	Total Nitrogen N	< 0,5	mg/L +/- 16%	HACH - Method 10071
*	Ammonia NH ₃ -N - wastewater	< 0,4	mg/L	HACH - Method 10031
*	TOC	< 1,0	mg/L	DIN EN 1484: 1997-08
22-9026	Outlet, 22.08.2022			
	Total suspended solids (TSS)	11	mg/L +/- 19%	Standard methods 2540 D
*	BOD5	< 1	mg/L	HACH-BOD direct plus, respirometric
	COD	131	mg/L +/- 16%	HACH - Method 8000
	Total Phosphor P	0,1	mg/L +/- 8%	HACH - Method 8180
	Total Nitrogen N	< 0,5	mg/L +/- 16%	HACH - Method 10071
*	Ammonia NH ₃ -N - wastewater	< 0,4	mg/L	HACH - Method 10031
*	TOC	< 1,0	mg/L	DIN EN 1484: 1997-08

Measurement remarks:

TOC analysed by Eurofins, Germany.

* Not accredited measurement

Kópavogur, 2.9.2022

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and has been checked and approved.
It is valid without signature.

Magnús Snær Árnason
Specialist