

Test results

Benchmark Genetics Iceland hf. Bæjarhrauni 14 220 Hafnarfjörður	Report no. : Sample type: Date of reception : Date of analysis : Sampling: Contact: Establishment : Approval no.	28300-23 Water 12/07/2023 12/07/2023 Benchmark Genetics Iceland hf. Hector Rodriguez Kollafjörður - Kollafjörður FE-1079
---	---	---

Sample no.	Measurement	Result	Unit	Method
23-8474	Water - Inlet, 12.07.2023			
	Total suspended solids (TSS)	2 mg/L +/- 19%		Standard methods 2540 D
	* BOD5	< 1 mg/L		HACH-BOD direct plus, respirometric
	COD	8 mg/L +/- 15%		HACH - Method 8000
	Total Nitrogen N	0,6 mg/L +/- 18%		HACH - Method 10071
	* Ammonia NH ₃ -N - wastewater	< 0,02 mg/L		HACH - Method 10031
	* TOC	< 1,0 mg/L		DIN EN 1484: 1997-08
	* pH	6,9		
	* Various chemical analysis	See attachment		
23-8475	Water - Outlet 1, 12.07.2023			
	Total suspended solids (TSS)	3 mg/L +/- 19%		Standard methods 2540 D
	* BOD5	4 mg/L		HACH-BOD direct plus, respirometric
	COD	9 mg/L +/- 15%		HACH - Method 8000
	Total Nitrogen N	0,8 mg/L +/- 18%		HACH - Method 10071
	* Ammonia NH ₃ -N - wastewater	0,10 mg/L		HACH - Method 10031
	* TOC	< 1,0 mg/L		DIN EN 1484: 1997-08
	* pH	7,0		
	* Various chemical analysis	See attachment		
23-8476	Water - Outlet 2, 12.07.2023			
	Total suspended solids (TSS)	3 mg/L +/- 19%		Standard methods 2540 D
	* BOD5	2 mg/L		HACH-BOD direct plus, respirometric
	COD	10 mg/L +/- 15%		HACH - Method 8000
	Total Nitrogen N	0,9 mg/L +/- 18%		HACH - Method 10071
	* Ammonia NH ₃ -N - wastewater	0,23 mg/L		HACH - Method 10031
	* TOC	< 1,0 mg/L		DIN EN 1484: 1997-08
	* pH	6,9		
	* Various chemical analysis	See attachment		
23-8477	Water - Outlet 3, 12.07.2023			
	Total suspended solids (TSS)	4 mg/L +/- 19%		Standard methods 2540 D
	* BOD5	< 1 mg/L		HACH-BOD direct plus, respirometric
	COD	13 mg/L +/- 15%		HACH - Method 8000
	Total Nitrogen N	1,0 mg/L +/- 18%		HACH - Method 10071
	* Ammonia NH ₃ -N - wastewater	0,11 mg/L		HACH - Method 10031
	* TOC	< 1,0 mg/L		DIN EN 1484: 1997-08
	* pH	7,0		
	* Various chemical analysis	See attachment		



Syni ehf
Víkurbær 3, 203 Kópavogur
profanir@syni.is
Teli: +354 512-3380

Test results



Accred. no. 1701
Testing
ISO/IEC 17025

Results published by
accredited laboratory.

Sample no.	Measurement	Result	Unit	Method
------------	-------------	--------	------	--------

Measurement remarks:

TOC analysed by Eurofins, Germany.
The analysis was made by Eurofins, Germany.

* Not accredited measurement

Kópavogur, 25/07/2023

This is electronically generated laboratory report
and has been checked and approved.
It is valid without signature.

Magnús Snær Árnason
Specialist