



Eftirlitsskýrsla - Veitur ohf - Vatnsveita - Bæjarháls 1

Fyrirtæki:	Veitur ohf - Vatnsveita - Bæjarháls 1	Númer eftirlits:	EFT-202511-6026
Kennitala:	501213-1870		
Heimilisfang:	Bæjarháls 1, 110	Atvinnugr.flokkun:	Vatnsveitur
Tílefni:	Sýnataka	Eftirlit byrjar:	20. október 2025 13:00
Fulltrúi:	Friðrik Hjörleifsson		

Fyrirvari

Þessi skýrsla tekur aðeins til þeirra atriða sem haft var eftirlit með þann dag sem eftirlit fór fram. Það er alltaf á ábyrgð fyrirtækisins að sjá til þess að starfsemin uppfylli kröfur laga og reglugerða sem eiga við starfsemina hverju sinni.

Umfang eftirlits

Heildarúttekt á neysluvatni á vatnsverndarsvæði þann 20. október 2025. Vatnsendakriki VK-3, Gvendarbrunnar V19 og Jaðarsvæði V01. Örverufræðilegir þættir voru rannsakaðir í Matís ohf. og sýni send til ALS Scandinavia AB í Svíþjóð til mælinga á efnafræðilegum þáttum.

Athugasemdir

Sjá niðurstöður í meðfylgjandi skjölum. Allar mælingar eru undir hámarksgildum reglugerðar nr. 536/2001.

Útskýringar

Frávik eru skráð ef um er að ræða skýr brot á ákvæðum starfsleyfis eða laga og reglugerða er um starfsemina gilda. Um er að ræða frávik sem fylgt er sérstaklega eftir við eftirfylgni.

Ábending er skráð ef ekki er skýrt að um frávik sé að ræða en um er að ræða ástand sem heilbrigðisfulltrúi telur vert að vekja athygli á í þágu heilsuverndar, umhverfisverndar og öryggis.

Andmælaréttur

Ef útskýringa er þörf eða athugasemdir eða andmæli koma fram vinsamlegast hafið samband við Heilbrigðiseftirlit Reykjavíkur innan tveggja vikna frá því að eftirlitsskýrslan var send.

Heimildir

Heilbrigðisfulltrúa skal heimill aðgangur til skoðunar og eftirlits, þar á meðal töku sýna og myndatöku, að öllum þeim stöðum sem eftirfarandi lög og stjórnvaldsreglur ná yfir og er heimilt að leita aðstoðar lögreglu ef með þarf, sbr. 1. mgr. 62. gr. laga nr. 7/1998 um hollustuhætti og mengunarvarnir og 1. mgr. b-liðar 30. gr. laga nr. 93/1995 um matvæli.

Stjórnendum er skylt að veita aðstoð við framkvæmd eftirlitsins og veita allar upplýsingar sem nauðsynlegar eru vegna eftirlits með framkvæmd laganna og ber þeim endurgjaldslaust að afhenda sýni sem talin eru nauðsynleg vegna eftirlits, sbr. 3. mgr. 62 gr. laga nr. 7/1998 og 3. mgr. b-liðar 30. gr. laga nr. 93/1995.



Matís ohf
Rannsóknarstofa
Vinlandsleið 12
113 Reykjavík
Sími: (354)-422 5000



RANNSÓKNANIÐURSTÖÐUR
Útgefnar af faggildri rannsóknastofu
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit
5302697609
Borgartún 12-14
Reykjavík - 5

Sýni Nr. R25027250001
Vatn

Sýnatökudagsetning: 20/10/2025
Móttekið: 20/10/2025
Rannsakað: 20/10/2025

Tegund sýnis : Neysluvatn / Borholuvatn
Sýnatökustaður : Sjá auðkenni
Auðkenni : 1/Jaðarsvæði V01
Tílefni sýnatöku : Reglubundið eftirlit
Aðrar upplýsingar : Hitastig við móttöku: 7°C
Ástand vatnsbóls: Góður
Frágangur vatnsbóls: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:
Sýrustig (pH): 8,77
Leiðni (µS/cm): 60,3
Hitastig við sýnatöku: 3,9°C
Litur/lykt/bragð: eðlilegt

Örverurannsóknir

E.coli 100 ml síun (ÖVA3)
Enterokokkar 100 ml síun (ÖVA12)
Gerlafjöldi við 22°C í 1 ml (ÖVA5)
Kólígerlar í 100 ml síun (ÖVA3)

Mæligildi

<1
<1
<1
<1

Heimild

ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007
ISO 7899-2, 1st ed. 2000
SM, 23. ed. 2017, 9215B & ISO 6222:1999 mod.
ISO 9308-1:1990 & ISO 9308-1:2000

Eðlis- og Efnarannsóknir

**Sýrustig (pH) (EVA1)
**Grugg
**Leiðni (EVA3)

Mæligildi

8,90
0,13 NTU
87 µS/cm

Heimild

ISO 10523:2012
IST EN ISO 7027:1999
ISO 7888:2012

Mat sýnis

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

24. október, 2025

Þessar rannsóknaniðurstöður eru
samþykktar með rafrænni undirskrift:

Páll Steinþórsson
pall.steinthorsson@matís.is

** Ekki faggildar niðurstöður

Niðurstöður má eingöngu nota í heild sinni, nema rannsóknastofa gefi skriflegt leyfi til annars.

Niðurstöður gilda aðeins um það/pau sýni sem var/voru rannsakað/ rannsökuð. Sýni voru rannsökuð í því ástandi sem þau voru afhent. Rannsóknarstofan er faggilt af SWEDAC (Swedish Board for Accreditation and Conformity Assessment) og uppfyllir kröfur ISO/IEC 17025 staðalsins. Mælióvissa örverumælinga byggir á um það bil 95% öryggismörkum (K=2) og er hægt að nálgast upplýsingar um hana með því að hafa samband við rannsóknastofuna.

Rannsóknarstofan uppfyllir kröfur NELAC staðals New York State Department of Health (NYSDOH), NY auðkenni: 11290.

Ef frekari upplýsinga er óskað hafið samband við undirritaðan eða Hrólfr Sigurðsson verkefnisstjóra.

Umhverfis- og Samgöngusvið Reykjavíkurborgar
Matvælaeftirlit
Borgartúni 12-14
105 Reykjavík



8.11.2025

Hérna eru niðurstöður efnagreininga á neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnið var tekið 20.10.2025 á eftirfarandi stað og merkt:
R25-2725-1/Jaðarsvæði V01

Niðurstöður:
(sjá einnig frá Svíþjóð, RAPPORT ST2546803)

R25-2725-1

Chloroform	µg/L	<0.10
Bromoform	µg/L	<0.20
Dibromochloromethane	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
Sum of 4 Trihalomethanes (M1)	µg/L	<0.250
Aluminum	µg/L	16,1
Arsenic	µg/L	0,0587
Barium	µg/L	<0.04
Cadmium	µg/L	<0.002
Calcium	mg/L	5,06
Chromium	µg/L	1,08
Cobalt	µg/L	<0.005
Copper	µg/L	<0.1
Iron	mg/L	0,00103
Lead	µg/L	0,0121
Magnesium	mg/L	0,892
Manganese	µg/L	0,0858
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,0791
Nickel	µg/L	<0.05
Phosphorus	µg/L	14,8
Potassium	mg/L	<0.4
Silicon	mg/L	6,51
Sodium	mg/L	11,5
Strontium	µg/L	2,61
Vanadium	µg/L	14,2
Zinc	µg/L	<0.4
Sulfur	mg/L	0,835
Antimony	µg/L	<0.01
Boron	µg/L	5,57
Lithium	µg/L	0,208
Selenium	µg/L	0,309
Benzene	µg/L	<0.2
Toluene	µg/L	<0.2
Ethylbenzene	µg/L	<0.2
Sum of Xylenes	µg/L	<0.2
Naphthalene	µg/L	<0.0070
Acenaphthylene	µg/L	<0.0010
Acenaphthene	µg/L	<0.0010
Fluorene	µg/L	<0.0010
Phenanthrene	µg/L	<0.0010
Anthracene	µg/L	<0.0010
Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010
Chrysene	µg/L	<0.0010

R25-2725-1

Benzo(b)fluoranthene	µg/L	<0.0010
Benzo(k)fluoranthene	µg/L	<0.0010
Benzo(a)pyrene	µg/L	<0.0010
Indeno(1.2.3.cd)pyrene	µg/L	<0.00030
Benzo(g,h,i)perylene	µg/L	<0.00030
Dibenz(a,h)anthracene	µg/L	<0.00060
Sum of carcinogenic PAH (M1)	µg/L	<0.00295
Sum of PAH L (M1)	µg/L	<0.00450
Sum of PAH M (M1)	µg/L	<0.00250
Sum of PAH H (M1)	µg/L	<0.00310
Sum of 16 PAH (M1)	µg/L	<0.0101
Sum of other PAH (M1)	µg/L	<0.00715
Total Organic Carbon (TOC)	mg/L	0,16
Chloride	mg/L	11
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrates	mg/L	<0.27
Nitrites	mg/L	<0.0039
Sulphate as SO ₄ 2-	mg/L	<5.00
Total Cyanide	mg/L	<0.0010
Dichloromethane	µg/L	<0.1
1.1-Dichloroethane	µg/L	<0.1
1.2-Dichloroethane	µg/L	<0.1
trans-1.2-Dichloroethene	µg/L	<0.1
cis-1.2-Dichloroethene	µg/L	<0.1
1.2-Dichloropropane	µg/L	<0.1
Chloroform	µg/L	<0.1
Tetrachloromethane	µg/L	<0.1
1.1.1-Trichloroethane	µg/L	<0.1
1.1.2-Trichloroethane	µg/L	<0.1
Trichloroethene	µg/L	<0.1
Tetrachloroethene	µg/L	<0.1
Vinyl chloride	µg/L	<0.1
1.1-Dichloroethene	µg/L	<0.1
Colour (True)	mgPt/l	<5.0

Hvað varðar áræðanleika, mælióvissu, mæliaðferðir og faggildingarstöðu einstakra mælinga í þessari skýrslu er vísað í meðfylgjandi frumgögn frá þeim rannsóknastofum sem mælingarnar gerðu.

Stenst gæðakröfur skv. reglugerð nr. 536/2001

f.h. rannsóknastofu Matís ohf

Hrólfur Sigurðsson

Hrólfur Sigurðsson

Gæðastjóri



Matís ohf
Rannsóknarstofa
Vinlandsleið 12
113 Reykjavík
Sími: (354)-422 5000



RANNSÓKNANIÐURSTÖÐUR
Útgefnar af faggildri rannsóknastofu
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit
5302697609
Borgartún 12-14
Reykjavík - 5

Sýni Nr. R25027250002
Vatn

Sýnatökudagsetning: 20/10/2025
Móttekið: 20/10/2025
Rannsakað: 20/10/2025

Tegund sýnis : Neysluvatn / Borholuvatn
Sýnatökustaður : Sjá auðkenni
Auðkenni : 2/Gvendarbrunnar V19
Tilefni sýnatöku : Reglubundið eftirlit
Aðrar upplýsingar : Hitastig við móttöku: 7°C
Ástand vatnsbóls: Góður
Frágangur vatnsbóls: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:
Sýrustig (pH): 8,74
Leiðni (µS/cm): 61,0
Hitastig við sýnatöku: 3,8°C
Litur/lykt/bragð: eðlilegt

Örverurannsóknir

E.coli 100 ml síun (ÖVA3)
Enterokokkar 100 ml síun (ÖVA12)
Gerlafjöldi við 22°C í 1 ml (ÖVA5)
Kólígerlar í 100 ml síun (ÖVA3)

Mæligildi

<1
<1
<1
<1

Heimild

ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007
ISO 7899-2, 1st ed. 2000
SM, 23. ed. 2017, 9215B & ISO 6222:1999 mod.
ISO 9308-1:1990 & ISO 9308-1:2000

Eðlis- og Efnarannsóknir

**Sýrustig (pH) (EVA1)
**Grugg
**Leiðni (EVA3)

Mæligildi

8,75
0,18 NTU
89 µS/cm

Heimild

ISO 10523:2012
IST EN ISO 7027:1999
ISO 7888:2012

Mat sýnis

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

24. október, 2025

Þessar rannsóknaniðurstöður eru
samþykktar með rafrænni undirskrift:

Páll Steinþórsson
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Rannsóknarstofan er faggilt af SWEDAC (Swedish Board for Accreditation and Conformity Assessment) og uppfyllir kröfur ISO/IEC 17025 staðalsins. Mælióvissa örverumælinga byggir á um það bil 95% öryggismörkum (K=2) og er hægt að nálgast upplýsingar um hana með því að hafa samband við rannsóknastofuna.

Rannsóknarstofan uppfyllir kröfur NELAC staðals New York State Department of Health (NYSDOH), NY auðkenni: 11290.

Ef frekari upplýsinga er óskað hafið samband við undirritaðan eða Hrólfr Sigurðsson verkefnisstjóra.

Umhverfis- og Samgöngusvið Reykjavíkurborgar
Matvælaeftirlit
Borgartúni 12-14
105 Reykjavík



8.11.2025

Hérna eru niðurstöður efnagreininga á neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnið var tekið 20.10.2025 á eftirfarandi stað og merkt:
R25-2725-2/Gvendarbrunnar V19

Niðurstöður:
(sjá einnig frá Svíþjóð, RAPPORT ST2546803)

R25-2725-2

Chloroform	µg/L	<0.10
Bromoform	µg/L	<0.20
Dibromochloromethane	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
Sum of 4 Trihalomethanes (M1)	µg/L	<0.250
Aluminum	µg/L	19,1
Arsenic	µg/L	<0.05
Barium	µg/L	0,133
Cadmium	µg/L	<0.002
Calcium	mg/L	4,44
Chromium	µg/L	0,89
Cobalt	µg/L	<0.005
Copper	µg/L	0,37
Iron	mg/L	0,00283
Lead	µg/L	<0.01
Magnesium	mg/L	1,24
Manganese	µg/L	0,156
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,054
Nickel	µg/L	0,0662
Phosphorus	µg/L	15,8
Potassium	mg/L	0,468
Silicon	mg/L	6,78
Sodium	mg/L	11,5
Strontium	µg/L	4,22
Vanadium	µg/L	12,8
Zinc	µg/L	<0.4
Sulfur	mg/L	0,865
Antimony	µg/L	<0.01
Boron	µg/L	5,53
Lithium	µg/L	0,133
Selenium	µg/L	<0.3
Benzene	µg/L	<0.2
Toluene	µg/L	<0.2
Ethylbenzene	µg/L	<0.2
Sum of Xylenes	µg/L	<0.2
Naphthalene	µg/L	<0.0070
Acenaphthylene	µg/L	<0.0010
Acenaphthene	µg/L	<0.0010
Fluorene	µg/L	<0.0010
Phenanthrene	µg/L	<0.0010
Anthracene	µg/L	<0.0010
Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010
Chrysene	µg/L	<0.0010

R25-2725-2

Benzo(b)fluoranthene	µg/L	<0.0010
Benzo(k)fluoranthene	µg/L	<0.0010
Benzo(a)pyrene	µg/L	<0.0010
Indeno(1.2.3.cd)pyrene	µg/L	<0.00030
Benzo(g,h,i)perylene	µg/L	<0.00030
Dibenz(a,h)anthracene	µg/L	<0.00060
Sum of carcinogenic PAH (M1)	µg/L	<0.00295
Sum of PAH L (M1)	µg/L	<0.00450
Sum of PAH M (M1)	µg/L	<0.00250
Sum of PAH H (M1)	µg/L	<0.00310
Sum of 16 PAH (M1)	µg/L	<0.0101
Sum of other PAH (M1)	µg/L	<0.00715
Total Organic Carbon (TOC)	mg/L	0,32
Chloride	mg/L	12,3
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrates	mg/L	<0.27
Nitrites	mg/L	<0.0039
Sulphate as SO ₄ 2-	mg/L	<5.00
Total Cyanide	mg/L	<0.0010
Dichloromethane	µg/L	<0.1
1.1-Dichloroethane	µg/L	<0.1
1.2-Dichloroethane	µg/L	<0.1
trans-1.2-Dichloroethene	µg/L	<0.1
cis-1.2-Dichloroethene	µg/L	<0.1
1.2-Dichloropropane	µg/L	<0.1
Chloroform	µg/L	<0.1
Tetrachloromethane	µg/L	<0.1
1.1.1-Trichloroethane	µg/L	<0.1
1.1.2-Trichloroethane	µg/L	<0.1
Trichloroethene	µg/L	<0.1
Tetrachloroethene	µg/L	<0.1
Vinyl chloride	µg/L	<0.1
1.1-Dichloroethene	µg/L	<0.1
Colour (True)	mgPt/l	<5.0

Hvað varðar áræðanleika, mælióvissu, mæliaðferðir og faggildingarstöðu einstakra mælinga í þessari skýrslu er vísað í meðfylgjandi frumgögn frá þeim rannsóknastofum sem mælingarnar gerðu.

Stenst gæðakröfur skv. reglugerð nr. 536/2001

fh. rannsóknastofu Matís ohf

Hrólfur Sigurðsson

Hrólfur Sigurðsson

Gæðastjóri



Matís ohf
Rannsóknarstofa
Vinlandsleið 12
113 Reykjavík
Sími: (354)-422 5000



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Útgefnar af faggildri rannsóknastofu
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5302697609
Borgartún 12-14
Reykjavík - 5

Sýni Nr. R25027250003
Vatn

Sýnatökudagsetning: 20/10/2025
Móttekið: 20/10/2025
Rannsakað: 20/10/2025

Tegund sýnis : Neysluvatn / Borholuvatn
Sýnatökustaður : Sjá auðkenni
Auðkenni : 3/Vatnsendakriki Vk-3
Tilefni sýnatöku : Reglubundið eftirlit
Aðrar upplýsingar : Hitastig við móttöku: 7°C
Ástand vatnsbóls: Góður
Frágangur vatnsbóls: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:
Sýrustig (pH): 8,71
Leiðni (µS/cm): 54,2
Hitastig við sýnatöku: 3,7°C
Litur/lykt/bragð: eðlilegt

Örverurannsóknir

E.coli 100 ml síun (ÖVA3)
Enterokokkar 100 ml síun (ÖVA12)
Gerlafjöldi við 22°C í 1 ml (ÖVA5)
Kóligerlar í 100 ml síun (ÖVA3)

Mæligildi

<1
<1
<1
<1

Heimild

ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007
ISO 7899-2, 1st ed. 2000
SM, 23. ed. 2017, 9215B & ISO 6222:1999 mod.
ISO 9308-1:1990 & ISO 9308-1:2000

Eðlis- og Efnarannsóknir

**Sýrustig (pH) (EVA1)
**Grugg
**Leiðni (EVA3)

Mæligildi

8,80
0,10 NTU
80 µS/cm

Heimild

ISO 10523:2012
IST EN ISO 7027:1999
ISO 7888:2012

Mat sýnis

Stenst gæðakröfur skv. reglugerð 536/2001

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Umhverfis- og Samgöngusvið Reykjavíkurborgar
Matvælaeftirlit
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105 Reykjavík



8.11.2025

Hérna eru niðurstöður efnagreininga á neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnið var tekið 20.10.2025 á eftirfarandi stað og merkt:
R25-2725-3/Vatnsendakriki VK-3

Niðurstöður:

(sjá einnig frá Svíþjóð, RAPPORT ST2546803)

R25-2725-3

Chloroform	µg/L	<0.10
Bromoform	µg/L	<0.20
Dibromochloromethane	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
Sum of 4 Trihalomethanes (M1)	µg/L	<0.250
Aluminum	µg/L	20
Arsenic	µg/L	<0.05
Barium	µg/L	0,0541
Cadmium	µg/L	<0.002
Calcium	mg/L	4,91
Chromium	µg/L	0,939
Cobalt	µg/L	<0.005
Copper	µg/L	<0.1
Iron	mg/L	0,000975
Lead	µg/L	<0.01
Magnesium	mg/L	1,01
Manganese	µg/L	0,0622
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,0815
Nickel	µg/L	<0.05
Phosphorus	µg/L	20,9
Potassium	mg/L	0,481
Silicon	mg/L	6,98
Sodium	mg/L	8,91
Strontium	µg/L	2,56
Vanadium	µg/L	18,4
Zinc	µg/L	<0.4
Sulfur	mg/L	0,793
Antimony	µg/L	<0.01
Boron	µg/L	4,97
Lithium	µg/L	0,244
Selenium	µg/L	<0.3
Benzene	µg/L	<0.2
Toluene	µg/L	<0.2
Ethylbenzene	µg/L	<0.2
Sum of Xylenes	µg/L	<0.2
Naphthalene	µg/L	<0.0070
Acenaphthylene	µg/L	<0.0010
Acenaphthene	µg/L	<0.0010
Fluorene	µg/L	<0.0010
Phenanthrene	µg/L	<0.0010
Anthracene	µg/L	<0.0010
Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010
Chrysene	µg/L	<0.0010

R25-2725-3

Benzo(b)fluoranthene	µg/L	<0.0010
Benzo(k)fluoranthene	µg/L	<0.0010
Benzo(a)pyrene	µg/L	<0.0010
Indeno(1.2.3.cd)pyrene	µg/L	<0.00030
Benzo(g,h,i)perylene	µg/L	<0.00030
Dibenz(a,h)anthracene	µg/L	<0.00060
Sum of carcinogenic PAH (M1)	µg/L	<0.00295
Sum of PAH L (M1)	µg/L	<0.00450
Sum of PAH M (M1)	µg/L	<0.00250
Sum of PAH H (M1)	µg/L	<0.00310
Sum of 16 PAH (M1)	µg/L	<0.0101
Sum of other PAH (M1)	µg/L	<0.00715
Total Organic Carbon (TOC)	mg/L	0,15
Chloride	mg/L	9,34
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrates	mg/L	<0.27
Nitrites	mg/L	<0.0039
Sulphate as SO ₄ 2-	mg/L	<5.00
Total Cyanide	mg/L	<0.0010
Dichloromethane	µg/L	<0.1
1.1-Dichloroethane	µg/L	<0.1
1.2-Dichloroethane	µg/L	<0.1
trans-1.2-Dichloroethene	µg/L	<0.1
cis-1.2-Dichloroethene	µg/L	<0.1
1.2-Dichloropropane	µg/L	<0.1
Chloroform	µg/L	<0.1
Tetrachloromethane	µg/L	<0.1
1.1.1-Trichloroethane	µg/L	<0.1
1.1.2-Trichloroethane	µg/L	<0.1
Trichloroethene	µg/L	<0.1
Tetrachloroethene	µg/L	<0.1
Vinyl chloride	µg/L	<0.1
1.1-Dichloroethene	µg/L	<0.1
Colour (True)	mgPt/l	<5.0

Hvað varðar áræðanleika, mælióvissu, mæliaðferðir og faggildingarstöðu einstakra mælinga í þessari skýrslu er vísað í meðfylgjandi frumgögn frá þeim rannsóknastofum sem mælingarnar gerðu.

Stenst gæðakröfur skv. reglugerð nr. 536/2001

fh. rannsóknastofu Matís ohf

Hrólfur Sigurðsson

Hrólfur Sigurðsson

Gæðastjóri



CERTIFICATE OF ANALYSIS

Work Order	: ST2546803	Page	: 1 of 12
Client	: Matís ohf	Project	: ----
Contact	: Hrólfur Sigurdsson	Purchase Number	: R25-2725
Address	: Food Research, inn. and safety Vinlandsleid 12 -113 Reykjavik Iceland	Sampler	: ----
E-mail	: hrolfur@matís.is	Site	: ----
Telephone	: 3544225000	Date Samples Received	: 2025-10-24 12:45
C-O-C number	: ----	Date Analysis Commenced	: 2025-10-28
Quote number	: HL2020SE-MAT-OHF0001 (OF191270)	Issue Date	: 2025-11-07 17:09
		No. of samples received	: 3
		No. of samples analysed	: 3

General Comments

This certificate represents the original certificate and may not be modified or reproduced other than in full, except with the prior written approval of the issuing lab. The results apply only to the material that has been identified, received, and tested. The laboratory has no responsibility for information in this certificate that has been provided by the customer, or results that may be affected by such information. Regarding the laboratory's liability in relation to assignment, please refer to our website <http://www.alsglobal.se>

Workorder Comments

Should a sample contain sediment it is decanted prior to volatile compounds determination.

Signatories	Position
Niina Veuro	Laboratory Manager

Niina Veuro



Laboratory	: ALS Scandinavia AB Danderyd	Webpage	: www.alsglobal.se
Address	: Rinkebyvägen 19C 182 36 Danderyd Sweden	E-mail	: info.ta@alsglobal.com
		Telephone	: +46 8 5277 5200



Analytical Results

Client sample ID: R25-2725-1/Jaðarsvæði V01
Laboratory sample ID: ST2546803-001
Client sampling date / time: 2025-10-20
Sub-Matrix: DRINKING WATER

Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds						
OV-10						
Chloroform	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromoform	<0.20	----	µg/L	0.20	W-VOCGMS01	PR
Dibromochloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromodichloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Sum of 4 Trihalomethanes (M1)	<0.250	----	µg/L	0.250	W-VOCGMS01	PR
Sample Pre-Preparation						
PP-V-S						
Stabilisation	Yes *	----	-	-	W-PPV-S	LE
Total Metals/Major Cations						
V-2						
Aluminum	16.1	± 3.0	µg/L	0.20	W-SFMS-65D	LE
Arsenic	0.0587	± 0.0104	µg/L	0.050	W-SFMS-65D	LE
Barium	<0.04	----	µg/L	0.040	W-SFMS-65D	LE
Cadmium	<0.002	----	µg/L	0.0020	W-SFMS-65D	LE
Calcium	5.06	± 0.82	mg/L	0.10	W-SFMS-65D	LE
Chromium	1.08	± 0.18	µg/L	0.040	W-SFMS-65D	LE
Cobalt	<0.005	----	µg/L	0.0050	W-SFMS-65D	LE
Copper	<0.1	----	µg/L	0.10	W-SFMS-65D	LE
Iron	0.00103	± 0.00027	mg/L	0.00040	W-SFMS-65D	LE
Lead	0.0121	± 0.0017	µg/L	0.010	W-SFMS-65D	LE
Magnesium	0.892	± 0.148	mg/L	0.090	W-SFMS-65D	LE
Manganese	0.0858	± 0.0169	µg/L	0.030	W-SFMS-65D	LE
Mercury	<0.002	----	µg/L	0.002	W-AFS-17V2	LE
Molybdenum	0.0791	± 0.0121	µg/L	0.050	W-SFMS-65D	LE
Nickel	<0.05	----	µg/L	0.050	W-SFMS-65D	LE
Phosphorus	14.8	± 2.6	µg/L	1.0	W-SFMS-65D	LE
Potassium	<0.4	----	mg/L	0.40	W-SFMS-65D	LE
Silicon	6.51	± 1.39	mg/L	0.030	W-SFMS-65D	LE
Sodium	11.5	± 2.1	mg/L	0.10	W-SFMS-65D	LE
Strontium	2.61	± 0.38	µg/L	0.10	W-SFMS-65D	LE
Vanadium	14.2	± 1.8	µg/L	0.010	W-SFMS-65D	LE
Zinc	<0.4	----	µg/L	0.40	W-SFMS-65D	LE
V-2-Bas-ADD						
Antimony	<0.01	----	µg/L	0.010	W-SFMS-65D	LE
Boron	5.57	± 1.44	µg/L	1.00	W-SFMS-65D	LE
Lithium	0.208	± 0.062	µg/L	0.100	W-SFMS-65D	LE
Selenium	0.309	± 0.164	µg/L	0.30	W-SFMS-65D	LE
V-2-S						
Sulfur	0.835	± 0.000	mg/L	0.20	W-SFMS-65-S	LE
BTEX						
OV-5A						
Benzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Toluene	<0.2	----	µg/L	0.2	HS-OV-21	ST



Parameter	Result	MU	Unit	LOR	Method	Issuer
BTEX - Continued						
OV-5A - Continued						
Ethylbenzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Sum of Xylenes	<0.2	----	µg/L	0.2	HS-OV-21	ST
Polycyclic Aromatics Hydrocarbons (PAHs)						
GRV-PAH						
Naphthalene	<0.0070	----	µg/L	0.0070	W-PAHGMS04	PR
Acenaphthylene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Acenaphthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluorene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Phenanthrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benz(a)anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Chrysene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(b)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(k)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(a)pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Indeno(1.2.3.cd)pyrene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Benzo(g,h,i)perylene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Dibenz(a,h)anthracene	<0.00060	----	µg/L	0.00060	W-PAHGMS04	PR
Sum of carcinogenic PAH (M1)	<0.00295	----	µg/L	0.00295	W-PAHGMS04	PR
Sum of PAH L (M1)	<0.00450	----	µg/L	0.00450	W-PAHGMS04	PR
Sum of PAH M (M1)	<0.00250	----	µg/L	0.00250	W-PAHGMS04	PR
Sum of PAH H (M1)	<0.00310	----	µg/L	0.00310	W-PAHGMS04	PR
Sum of 16 PAH (M1)	<0.0101	----	µg/L	0.101	W-PAHGMS04	PR
Sum of other PAH (M1)	<0.00715	----	µg/L	0.00715	W-PAHGMS04	PR
Aggregate Parameters						
TOC i vatten						
Total Organic Carbon (TOC)	0.16	0.5	mg/L	0.1	W-TOC_6261,1/HUM	HU
Nonmetallic Inorganic Parameters						
Ammonium i vatten						
Ammonia and ammonium ions as NH ₄	<0.050	----	mg/L	0.050	W-NH ₄ -SPC	PR
Ammonia and ammonium ions as N	<0.040	----	mg/L	0.040	W-NH ₄ -SPC	PR
Cyanid (total) i vatten						
Total Cyanide	<0.0010	----	mg/L	0.001	Cyanid_7937,10	HU
Fluorid i vatten						
Fluoride	<0.200	----	mg/L	0.200	W-F-IC	PR
Klorid i vatten						
Chloride	11.0	± 1.65	mg/L	4.00	W-CL-IC	PR
Nitrat i vatten (SPC)						
Nitrates	<0.27	----	mg/L	0.27	W-NO ₃ -SPC	PR
Nitrate as N	<0.060	----	mg/L	0.060	W-NO ₃ -SPC	PR
Nitrites	<0.0039	----	mg/L	0.0039	W-NO ₂ -SPC	PR
Nitrit i vatten (SPC)						
Nitrite as N	<0.0020	----	mg/L	0.0020	W-NO ₂ -SPC	PR
Sulfat i vatten (IC)						
Sulphate as SO ₄ 2-	<5.00	----	mg/L	5.00	W-SO ₄ -IC	PR
Halogenated Volatile Organic Compounds						
OV-6B						
Dichloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST



Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds - Continued						
OV-6B - Continued						
trans-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
cis-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloropropane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Chloroform	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.1-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.2-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Trichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Vinyl chloride	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Physical Parameters						
Färg						
Colour (True)	<5.0	----	mgPt/l	5.0	W-COL-SPC	PR

Results on time sensitive parameters are uncertain due to the time from sampling to analysis has been exceeded.

Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds						
OV-10						
Chloroform	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromoform	<0.20	----	µg/L	0.20	W-VOCGMS01	PR
Dibromochloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromodichloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Sum of 4 Trihalomethanes (M1)	<0.250	----	µg/L	0.250	W-VOCGMS01	PR
Sample Pre-Preparation						
PP-V-S						
Stabilisation	Yes *	----	-	-	W-PPV-S	LE
Total Metals/Major Cations						
V-2						
Aluminum	19.1	± 3.5	µg/L	0.20	W-SFMS-65D	LE
Arsenic	<0.05	----	µg/L	0.050	W-SFMS-65D	LE
Barium	0.133	± 0.019	µg/L	0.040	W-SFMS-65D	LE
Cadmium	<0.002	----	µg/L	0.0020	W-SFMS-65D	LE
Calcium	4.44	± 0.72	mg/L	0.10	W-SFMS-65D	LE
Chromium	0.890	± 0.146	µg/L	0.040	W-SFMS-65D	LE
Cobalt	<0.005	----	µg/L	0.0050	W-SFMS-65D	LE
Copper	0.370	± 0.064	µg/L	0.10	W-SFMS-65D	LE
Iron	0.00283	± 0.00049	mg/L	0.00040	W-SFMS-65D	LE
Lead	<0.01	----	µg/L	0.010	W-SFMS-65D	LE
Magnesium	1.24	± 0.21	mg/L	0.090	W-SFMS-65D	LE
Manganese	0.156	± 0.031	µg/L	0.030	W-SFMS-65D	LE
Mercury	<0.002	----	µg/L	0.002	W-AFS-17V2	LE
Molybdenum	0.0540	± 0.0082	µg/L	0.050	W-SFMS-65D	LE
Nickel	0.0662	± 0.0160	µg/L	0.050	W-SFMS-65D	LE
Phosphorus	15.8	± 2.8	µg/L	1.0	W-SFMS-65D	LE
Potassium	0.468	± 0.097	mg/L	0.40	W-SFMS-65D	LE
Silicon	6.78	± 1.45	mg/L	0.030	W-SFMS-65D	LE
Sodium	11.5	± 2.1	mg/L	0.10	W-SFMS-65D	LE
Strontium	4.22	± 0.62	µg/L	0.10	W-SFMS-65D	LE
Vanadium	12.8	± 1.6	µg/L	0.010	W-SFMS-65D	LE
Zinc	<0.4	----	µg/L	0.40	W-SFMS-65D	LE
V-2-Bas-ADD						
Antimony	<0.01	----	µg/L	0.010	W-SFMS-65D	LE
Boron	5.53	± 1.43	µg/L	1.00	W-SFMS-65D	LE
Lithium	0.133	± 0.040	µg/L	0.100	W-SFMS-65D	LE
Selenium	<0.3	----	µg/L	0.30	W-SFMS-65D	LE
V-2-S						
Sulfur	0.865	± 0.000	mg/L	0.20	W-SFMS-65-S	LE
BTEX						
OV-5A						
Benzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Toluene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Ethylbenzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Sum of Xylenes	<0.2	----	µg/L	0.2	HS-OV-21	ST
Polycyclic Aromatics Hydrocarbons (PAHs)						



Parameter	Result	MU	Unit	LOR	Method	Issuer
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued						
GRV-PAH						
Naphthalene	<0.0070	----	µg/L	0.0070	W-PAHGMS04	PR
Acenaphthylene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Acenaphthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluorene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Phenanthrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benz(a)anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Chrysene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(b)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(k)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(a)pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Indeno(1.2.3.cd)pyrene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Benzo(g,h,i)perylene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Dibenz(a,h)anthracene	<0.00060	----	µg/L	0.00060	W-PAHGMS04	PR
Sum of carcinogenic PAH (M1)	<0.00295	----	µg/L	0.00295	W-PAHGMS04	PR
Sum of PAH L (M1)	<0.00450	----	µg/L	0.00450	W-PAHGMS04	PR
Sum of PAH M (M1)	<0.00250	----	µg/L	0.00250	W-PAHGMS04	PR
Sum of PAH H (M1)	<0.00310	----	µg/L	0.00310	W-PAHGMS04	PR
Sum of 16 PAH (M1)	<0.0101	----	µg/L	0.101	W-PAHGMS04	PR
Sum of other PAH (M1)	<0.00715	----	µg/L	0.00715	W-PAHGMS04	PR
Aggregate Parameters						
TOC i vatten						
Total Organic Carbon (TOC)	0.32	0.5	mg/L	0.1	W-TOC_6261,1/HUM	HU
Nonmetallic Inorganic Parameters						
Ammonium i vatten						
Ammonia and ammonium ions as NH ₄	<0.050	----	mg/L	0.050	W-NH ₄ -SPC	PR
Ammonia and ammonium ions as N	<0.040	----	mg/L	0.040	W-NH ₄ -SPC	PR
Cyanid (total) i vatten						
Total Cyanide	<0.0010	----	mg/L	0.001	Cyanid_7937,10	HU
Fluorid i vatten						
Fluoride	<0.200	----	mg/L	0.200	W-F-IC	PR
Klorid i vatten						
Chloride	12.3	± 1.84	mg/L	4.00	W-CL-IC	PR
Nitrat i vatten (SPC)						
Nitrates	<0.27	----	mg/L	0.27	W-NO ₃ -SPC	PR
Nitrate as N	<0.060	----	mg/L	0.060	W-NO ₃ -SPC	PR
Nitrites	<0.0039	----	mg/L	0.0039	W-NO ₂ -SPC	PR
Nitrit i vatten (SPC)						
Nitrite as N	<0.0020	----	mg/L	0.0020	W-NO ₂ -SPC	PR
Sulfat i vatten (IC)						
Sulphate as SO ₄ 2-	<5.00	----	mg/L	5.00	W-SO ₄ -IC	PR
Halogenated Volatile Organic Compounds						
OV-6B						
Dichloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
trans-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
cis-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloropropane	<0.1	----	µg/L	0.1	HS-OV-6b	ST



Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds - Continued						
OV-6B - Continued						
Chloroform	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.1-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.2-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Trichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Vinyl chloride	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Physical Parameters						
Färg						
Colour (True)	<5.0	----	mgPt/l	5.0	W-COL-SPC	PR

Results on time sensitive parameters are uncertain due to the time from sampling to analysis has been exceeded.

Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds						
OV-10						
Chloroform	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromoform	<0.20	----	µg/L	0.20	W-VOCGMS01	PR
Dibromochloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Bromodichloromethane	<0.10	----	µg/L	0.10	W-VOCGMS01	PR
Sum of 4 Trihalomethanes (M1)	<0.250	----	µg/L	0.250	W-VOCGMS01	PR
Sample Pre-Preparation						
PP-V-S						
Stabilisation	Yes *	----	-	-	W-PPV-S	LE
Total Metals/Major Cations						
V-2						
Aluminum	20.0	± 3.7	µg/L	0.20	W-SFMS-65D	LE
Arsenic	<0.05	----	µg/L	0.050	W-SFMS-65D	LE
Barium	0.0541	± 0.0086	µg/L	0.040	W-SFMS-65D	LE
Cadmium	<0.002	----	µg/L	0.0020	W-SFMS-65D	LE
Calcium	4.91	± 0.79	mg/L	0.10	W-SFMS-65D	LE
Chromium	0.939	± 0.154	µg/L	0.040	W-SFMS-65D	LE
Cobalt	<0.005	----	µg/L	0.0050	W-SFMS-65D	LE
Copper	<0.1	----	µg/L	0.10	W-SFMS-65D	LE
Iron	0.000975	± 0.000262	mg/L	0.00040	W-SFMS-65D	LE
Lead	<0.01	----	µg/L	0.010	W-SFMS-65D	LE
Magnesium	1.01	± 0.17	mg/L	0.090	W-SFMS-65D	LE
Manganese	0.0622	± 0.0123	µg/L	0.030	W-SFMS-65D	LE
Mercury	<0.002	----	µg/L	0.002	W-AFS-17V2	LE
Molybdenum	0.0815	± 0.0124	µg/L	0.050	W-SFMS-65D	LE
Nickel	<0.05	----	µg/L	0.050	W-SFMS-65D	LE
Phosphorus	20.9	± 3.7	µg/L	1.0	W-SFMS-65D	LE
Potassium	0.481	± 0.099	mg/L	0.40	W-SFMS-65D	LE
Silicon	6.98	± 1.49	mg/L	0.030	W-SFMS-65D	LE
Sodium	8.91	± 1.63	mg/L	0.10	W-SFMS-65D	LE
Strontium	2.56	± 0.38	µg/L	0.10	W-SFMS-65D	LE
Vanadium	18.4	± 2.3	µg/L	0.010	W-SFMS-65D	LE
Zinc	<0.4	----	µg/L	0.40	W-SFMS-65D	LE
V-2-Bas-ADD						
Antimony	<0.01	----	µg/L	0.010	W-SFMS-65D	LE
Boron	4.97	± 1.29	µg/L	1.00	W-SFMS-65D	LE
Lithium	0.244	± 0.073	µg/L	0.100	W-SFMS-65D	LE
Selenium	<0.3	----	µg/L	0.30	W-SFMS-65D	LE
V-2-S						
Sulfur	0.793	± 0.000	mg/L	0.20	W-SFMS-65-S	LE
BTEX						
OV-5A						
Benzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Toluene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Ethylbenzene	<0.2	----	µg/L	0.2	HS-OV-21	ST
Sum of Xylenes	<0.2	----	µg/L	0.2	HS-OV-21	ST
Polycyclic Aromatics Hydrocarbons (PAHs)						



Parameter	Result	MU	Unit	LOR	Method	Issuer
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued						
GRV-PAH						
Naphthalene	<0.0070	----	µg/L	0.0070	W-PAHGMS04	PR
Acenaphthylene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Acenaphthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluorene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Phenanthrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benz(a)anthracene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Chrysene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(b)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(k)fluoranthene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Benzo(a)pyrene	<0.0010	----	µg/L	0.0010	W-PAHGMS04	PR
Indeno(1.2.3.cd)pyrene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Benzo(g,h,i)perylene	<0.00030	----	µg/L	0.00030	W-PAHGMS04	PR
Dibenz(a,h)anthracene	<0.00060	----	µg/L	0.00060	W-PAHGMS04	PR
Sum of carcinogenic PAH (M1)	<0.00295	----	µg/L	0.00295	W-PAHGMS04	PR
Sum of PAH L (M1)	<0.00450	----	µg/L	0.00450	W-PAHGMS04	PR
Sum of PAH M (M1)	<0.00250	----	µg/L	0.00250	W-PAHGMS04	PR
Sum of PAH H (M1)	<0.00310	----	µg/L	0.00310	W-PAHGMS04	PR
Sum of 16 PAH (M1)	<0.0101	----	µg/L	0.101	W-PAHGMS04	PR
Sum of other PAH (M1)	<0.00715	----	µg/L	0.00715	W-PAHGMS04	PR
Aggregate Parameters						
TOC i vatten						
Total Organic Carbon (TOC)	0.15	0.5	mg/L	0.1	W-TOC_6261,1/HUM	HU
Nonmetallic Inorganic Parameters						
Ammonium i vatten						
Ammonia and ammonium ions as NH4	<0.050	----	mg/L	0.050	W-NH4-SPC	PR
Ammonia and ammonium ions as N	<0.040	----	mg/L	0.040	W-NH4-SPC	PR
Cyanid (total) i vatten						
Total Cyanide	<0.0010	----	mg/L	0.001	Cyanid_7937,10	HU
Fluorid i vatten						
Fluoride	<0.200	----	mg/L	0.200	W-F-IC	PR
Klorid i vatten						
Chloride	9.34	± 1.40	mg/L	4.00	W-CL-IC	PR
Nitrat i vatten (SPC)						
Nitrates	<0.27	----	mg/L	0.27	W-NO3-SPC	PR
Nitrate as N	<0.060	----	mg/L	0.060	W-NO3-SPC	PR
Nitrites	<0.0039	----	mg/L	0.0039	W-NO2-SPC	PR
Nitrit i vatten (SPC)						
Nitrite as N	<0.0020	----	mg/L	0.0020	W-NO2-SPC	PR
Sulfat i vatten (IC)						
Sulphate as SO4 2-	<5.00	----	mg/L	5.00	W-SO4-IC	PR
Halogenated Volatile Organic Compounds						
OV-6B						
Dichloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
trans-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
cis-1.2-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.2-Dichloropropane	<0.1	----	µg/L	0.1	HS-OV-6b	ST



Parameter	Result	MU	Unit	LOR	Method	Issuer
Halogenated Volatile Organic Compounds - Continued						
OV-6B - Continued						
Chloroform	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloromethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.1-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1.2-Trichloroethane	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Trichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Tetrachloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Vinyl chloride	<0.1	----	µg/L	0.1	HS-OV-6b	ST
1.1-Dichloroethene	<0.1	----	µg/L	0.1	HS-OV-6b	ST
Physical Parameters						
Färg						
Colour (True)	<5.0	----	mgPt/l	5.0	W-COL-SPC	PR

Results on time sensitive parameters are uncertain due to the time from sampling to analysis has been exceeded.

The end of result part of the certificate of analysis



Brief Method Summaries

Analytical Methods	Method Reference
W-AFS-17V2	Determination of mercury (Hg) in natural water by AFS according to SS-EN ISO 17852:2008. Samples are acidified with 1 ml high purity nitric acid per 100 ml prior to analysis. No digestion.
W-PPV-S*	Stabilisation with H2O2 prior to analysis (SE-SOP-0259).
W-SFMS-65D	Determination of metals water (freshwater, pool, drinking, brackish, seawater and wastewater) by ICP-SFMS according to SS-EN ISO 17294-2:2023 and US EPA Method 200.8:1994. Samples are acidified with nitric acid prior to analysis. No digestion.
W-SFMS-65-S	Determination of Sulfur (S) in water (freshwater, pool, drinking, brackish, seawater and wastewater) by ICP-SFMS according to SS-EN ISO 17294-2:2023 and US EPA Method 200.8:1994. Samples are acidified with nitric acid prior to analysis. No digestion.
Cyanid_7937,10	Determination of cyanid total according to DS/EN ISO 14403-2:2012.
W-TOC_6261,1/HUM	Determination of TOC by combustion according to DS/EN 1484:1997+SM 5310B:2014.
W-CL-IC	CZ_SOP_D06_02_068 (CSN EN ISO 10304-1) Determination of dissolved fluoride, chloride, nitrite, bromide, nitrate and sulphate by ion liquid chromatography and calculation of nitrite nitrogen and nitrate nitrogen and sulphate sulphur from measured values including the calculation of total mineralization.
W-COL-SPC	CZ_SOP_D06_02_079 (CSN EN ISO 7887) Determination of colour by spectrophotometry.
W-F-IC	CZ_SOP_D06_02_068 (CSN EN ISO 10304-1) Determination of dissolved fluoride, chloride, nitrite, bromide, nitrate and sulphate by ion liquid chromatography and calculation of nitrite nitrogen and nitrate nitrogen and sulphate sulphur from measured values including the calculation of total mineralization.
W-NH4-SPC	CZ_SOP_D06_02_019 (CSN ISO 15923-1) Determination of sum of ammonium and ammonium ions, nitrite and the sum of nitrite and nitrate ions by discrete spectrophotometry and calculation of nitrite, nitrate, ammonia, inorganic, organic, total nitrogen, free ammonia and dissociated ammonium ions from measured values including the calculation of total mineralization
W-NO2-SPC	CZ_SOP_D06_02_019 (ČSN ISO 15923-1, SM 4500-NO2-, SM 4500-NO3-) Determination of nitrite sum and sum of nitrite and nitrate nitrogen by discrete spectrophotometry and calculation of nitrites and nitrates from measured values
W-NO3-SPC	CZ_SOP_D06_02_019 (CSN ISO 15923-1, SM 4500-NO2-, SM 4500-NO3-) Determination of nitrite sum and sum of nitrite and nitrate nitrogen by discrete spectrophotometry and calculation of nitrites and nitrates from measured values
W-PAHGMS04	CZ_SOP_D06_03_161 (US EPA Method 8270D; US EPA Method 8082A; ČSN EN ISO 6468; US EPA Method 8000D) Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
W-SO4-IC	CZ_SOP_D06_02_068 (CSN EN ISO 10304-1) Determination of dissolved fluoride, chloride, nitrite, bromide, nitrate and sulphate by ion liquid chromatography and calculation of nitrite nitrogen and nitrate nitrogen and sulphate sulphur from measured values including the calculation of total mineralization.
W-VOCGMS01	CZ_SOP_D06_03_155 (US EPA Method 624, US EPA Method 5021A, US EPA Method 8260, US EPA 8015, CSN EN ISO 10301, MADEP 2004, rev. 1.1, CSN ISO 11423-1, CSN EN ISO 15680) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
HS-OV-21	Measurement performed with headspace GC-MS according to EPA method 5021a rev. 2 update V.
HS-OV-6b	Determination of Chlorinated aliphatics (Low LOQ) in water with HS-GC-MS according to SS-EN ISO 10301:1997

Key: **LOR** = Limit of reporting represents the standard LOR for the respective parameters in each method. Note that limits of reporting may be affected if, e.g. additional dilution was required because of matrix effects, or the sample quantity was limited.

MU = Measurement Uncertainty

* = Symbol succeeding any result indicates laboratory or subcontractor non-accredited test.

Measurement Uncertainty:

The uncertainty is given as extended uncertainty (according to the definition in "Guide to the Expression of Measurement", JCGM 100:2008 Corrected version 2010) calculated with a coverage factor of 2, which give level of approximately 95%. Measurement of uncertainty is reported only for detected substances with levels above the reporting limits.

The uncertainty from subcontractors is often given as extended uncertainty calculated with a coverage factor of 2. Contact the laboratory for further information.



Issuing lab

	Issuer
HU	The analysis is provided by ALS Denmark A/S, Bakkegårdsvej 406A Humlebæk Denmark 3050 Accredited by: DANAK Accreditation Number: 361
LE	The analysis is provided by ALS Scandinavia AB Luleå, Aurorum 10 Luleå Sweden 977 75 Accredited by: SWEDAC Accreditation Number: 2030, ISO/IEC 17025
PR	The analysis is provided by ALS Czech Republic, s.r.o., Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00 Accredited by: CAI Accreditation Number: CAI 1163, CSN EN ISO/IEC 17025:2018
ST	The analysis is provided by ALS Scandinavia AB Danderyd, Rinkebyvägen 19C Danderyd Sweden 182 36 Accredited by: SWEDAC Accreditation Number: 2030, ISO/IEC 17025

Matís örverurannsóknir,
Vínlandsleið 12, 113 Rvík

Sýnatökuseðill - Vatnssýni

Sýnatökuaðili: HER

Dags. sýnatöku: 20.10.2025

Móttekið:

Hitastig sýnis við móttöku:

Kennitala greiðanda:

Sveitarfélag:

Auðkenni sýnis	Sýnatökustaður	Hitastig vatns (°C)	Tíma-setning	Tegund vatns (1-9)	Uppruni vatns (10-19)	Ástand / frágangur vatnsbóls (20-25)	Sýni tekið (26-35)	Tílefni sýna-töku (36-43)	Rannsókn sem óskað er eftir. Skráið bókstafi rannsóknaliða í reitina (A-T).				
1	Jaðarsvæði V01	3,9	13:46	1	10	20/23	27	36	Q				
2	Gvendarbrunnar V19	3,8	13:26	1	10	20/23	27	36	Q				
3	Vatnsendakriki Vk-3	3,7	14:14	1	10	20/23	27	36	Q				
						/							
						/							

Tegund vatns:	Uppruni vatns:	Vatnsból er:	Sýni tekið:	Tílefni sýnatöku:
1 Neysluvatn	10 Borhola	20 Lokað	26 Úr vatnsbóli	36 Reglubundið eftirlit
2 Baðvatn	11 Brunnur	21 Opið	27 Úr dreifikerfi	37 Grunur um sýkingu
3 Náttúrulaug	12 Uppspretta/lind	22 Byrgt	28 Úr einkaveitu	38 Endurtekning
4 Sjór	13 Yfirborðsvatn		29 Úr sundlaug	39 Kvörtun
5 Vinnsluvatn	14 Geislað vatn	Frágangur	30 Úr heitum potti	40 Vatnsveita ráðgerð
6 Frárennslivatn	15 Klórað vatn	vatnsbóls er:	31 Úr fiskvinnslu	41 Úttekt / könnun
7 Hitaveituvatn	16 Sjór innan 10m. frá landi	23 Góður	32 Úr sláturhúsi	42 Vegna einkaaðila
8 Árvatr	17 Sjór 10m - 100m frá landi	24 Sæmilegur	33 Úr kjötvinnslu	43 Annað (skýringar)
9 Annað (skýringar)	18 Sjór meira en 100m frá landi	25 Lélegur	34 Úr skipi	
	19 Annað (skýringar)		35 Annað (skýringar)	

Ósk um rannsókn á sýni:	Ósk um rannsókn frh.
A Heildargerlafjöldi við 37°C	K Sýrustig (pH)
B Heildargerlafjöldi við 22°C	L Leiðni
C Kóligerlar	M C.O.D
D Saurkóligerlar	N Grugg
E Saurkokkar (enterokokkar)	O Ammonium
F Súlfít afoxandi klostridíur	P Escherichia coli (E.coli)
G Pseudomonas aeruginosa	Q liðir: B+C+K+L+N+O+P
H Campylobacter	R liðir: A+C+D+G+J+K
I Salmonella	S liðir: D+E
J Frítt- og heildarklór	T Annað (Skýringar)

Skýringar: 1. pH er 8,77. Leiðni er 60,3. Litur, lykt, bragð eðlilegt

Undirskrift þess sem tekur sýni:

Friðrik Þór

2. pH er 8,74. Leiðni er 61,0. Litur, lykt, bragð eðlilegt

3. pH er 8,71. Leiðni er 54,2. Litur, lykt, bragð eðlilegt