



Matís ohf  
Rannsóknarstofa  
Vinlandsleið 12  
113 Reykjavík  
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RANNSÓKNANIÐURSTÖÐUR  
Útgefnar af faggildri rannsóknastofu  
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit  
5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26014190001  
Vatn

Sýnatökudagsetning: 01/06/2026  
Móttekið: 01/06/2026  
Rannsakað: 01/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 1/Vatnsendakriki Vk-1  
Tílefi sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 8°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 3,7°C  
Litur/lykt/bragð: Eðlilegt

**Örverurannsóknir**

|                                    | Mæligildi | Heimild                                       |
|------------------------------------|-----------|---|
| E.coli 100 ml síun (ÖVA3)          | <1        | ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007 |
| Gerlafjöldi við 22°C í 1 ml (ÖVA5) | <1        | SM, 23. ed.2017, 9215B & ISO 6222:1999 mod.   |
| Kóligerlar í 100 ml síun (ÖVA3)    | <1        | ISO 9308-1:1990 & ISO 9308-1:2000             |

**Eðlis- og Efnarannsóknir**

|                        | Mæligildi | Heimild              |
|------------------------|-----------|----------------------|
| **Sýrustig (pH) (EVA1) | 8,82      | ISO 10523:2012       |
| **Grugg                | 0,10 NTU  | IST EN ISO 7027:1999 |
| **Leiðni (EVA3)        | 85 µS/cm  | ISO 7888:2012        |

**Mat sýnis**

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

5. júní, 2026

Þessar rannsóknaniðurstöður eru  
samþykktar með rafrænni undirskrift:

Hrólfur Sigurðsson  
hrolfur.sigurdsson@matis.is

\*\* Ekki faggildar niðurstöður

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

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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 Hrólf Sigurðsson verkefnisstjóra.



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Útgefnar af faggildri rannsóknastofu  
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit  
5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26015910001  
Vatn

Sýnatökudagsetning: 15/06/2026  
Móttekið: 15/06/2026  
Rannsakað: 15/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 1/Vatnsendakriki vk-1  
Tílefni sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 7°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 3,5°C  
Litur/lykt/bragð: Eðlilegt

Örverurannsóknir

Enterokokkar 100 ml síun (ÖVA12)

Mæligildi

<1

Heimild

ISO 7899-2, 1st ed. 2000

Mat sýnis

Ekki metið

Reykjavík,

18. júní, 2026

Þessar rannsóknaniðurstöður eru  
samþykktar með rafrænni undirskrift:

Hrólfur Sigurðsson  
hrolfur.sigurdsson@matís.is

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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 Hrólf Sigurðsson verkefnisstjóra.

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



22.6.2026

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 1.06.2026 á eftirfarandi stað og merkt:  
R26-1419-1/Vatnsendakriki VK-1

Niðurstöður:

(sjá einnig frá Svíþjóð, RAPPORT ST2624611)

R26-1419-1

|                               |      |          |
|-------------------------------|------|----------|
| 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 | 18,9     |
| Arsenic                       | µg/L | <0.05    |
| Barium                        | µg/L | 0,11     |
| Cadmium                       | µg/L | <0.002   |
| Calcium                       | mg/L | 4,88     |
| Chromium                      | µg/L | 0,935    |
| Cobalt                        | µg/L | 0,00501  |
| Copper                        | µg/L | <0.1     |
| Iron                          | mg/L | 0,000583 |
| Lead                          | µg/L | 0,0112   |
| Magnesium                     | mg/L | 0,92     |
| Manganese                     | µg/L | <0.03    |
| Mercury                       | µg/L | <0.002   |
| Molybdenum                    | µg/L | 0,0775   |
| Nickel                        | µg/L | 0,12     |
| Phosphorus                    | µg/L | 18,4     |
| Potassium                     | mg/L | 0,423    |
| Silicon                       | mg/L | 6,88     |
| Sodium                        | mg/L | 9,01     |
| Strontium                     | µg/L | 2,6      |
| Vanadium                      | µg/L | 16,2     |
| Zinc                          | µg/L | <0.4     |
| Antimony                      | µg/L | <0.01    |
| Boron                         | µg/L | 4,28     |
| Selenium                      | µg/L | <0.3     |
| Sulfur                        | mg/L | 0,685    |
| Lithium                       | µg/L | 0,176    |
| 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  |

R26-1419-1

|  |        |          |
|--|--------|----------|
| 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 |
| Nitrites                                     | mg/L   | <0.010   |
| Chloride                                     | mg/L   | 9,61     |
| Fluoride                                     | mg/L   | <0.200   |
| Ammonia and ammonium ions as NH <sub>4</sub> | mg/L   | <0.050   |
| Sulphate as SO <sub>4</sub> 2-               | mg/L   | <5.00    |
| Total Cyanide                                | mg/L   | <0.0010  |
| Nitrate                                      | mg/L   | 0,159    |
| 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     |
| Total Organic Carbon                         | mg/L   | <0.50    |

Hvað varðar áráðanleika, 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  
Teymisstjóri



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Rannsóknarstofa  
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Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit  
5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26014190002  
Vatn

Sýnatökudagsetning: 01/06/2026  
Móttekið: 01/06/2026  
Rannsakað: 01/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 2/Jaðarsvæði V4  
Tílefni sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 8°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 3,7°C  
Litur/lykt/bragð: Eðlilegt

| Örverurannsóknir                   | Mæligildi | Heimild                                       |
|------------------------------------|-----------|---|
| E.coli 100 ml síun (ÖVA3)          | <1        | ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007 |
| Gerlafjöldi við 22°C í 1 ml (ÖVA5) | <1        | SM, 23. ed.2017, 9215B & ISO 6222:1999 mod.   |
| Kóligerlar í 100 ml síun (ÖVA3)    | <1        | ISO 9308-1:1990 & ISO 9308-1:2000             |
| Eðlis- og Efnarannsóknir           | Mæligildi | Heimild                                       |
| **Sýrustig (pH) (EVA1)             | 8,95      | ISO 10523:2012                                |
| **Grugg                            | 0,11 NTU  | IST EN ISO 7027:1999                          |
| **Leiðni (EVA3)                    | 96 µS/cm  | ISO 7888:2012                                 |

#### Mat sýnis

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

5. júní, 2026

Þessar rannsóknaniðurstöður eru  
samþykktar með rafrænni undirskrift:

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Síða 1 af 1

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5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26015910002  
Vatn

Sýnatökudagsetning: 15/06/2026  
Móttekið: 15/06/2026  
Rannsakað: 15/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 2/Jaðarsvæði v4  
Tílefni sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 7°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 3,8°C  
Litur/lykt/bragð: Eðlilegt

Örverurannsóknir

Enterokokkar 100 ml síun (ÖVA12)

Mæligildi

<1

Heimild

ISO 7899-2, 1st ed. 2000

Mat sýnis

Ekki metið

Reykjavík,

18. júní, 2026

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



22.6.2026

Hérna eru niðurstöður efnagreininga á neyslumatnssýni skv. heildarúttekt reglugerðar nr.536/2001  
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.  
Sýnið var tekið 1.06.2026 á eftirfarandi stað og merkt:  
R26-1419-2/Jaðarsvæði V4

Niðurstöður:

(sjá einnig frá Svíþjóð, RAPPORT ST2624611)

R26-1419-2

|                               |      |         |
|-------------------------------|------|---------|
| 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 | 20      |
| Arsenic                       | µg/L | 0,0516  |
| Barium                        | µg/L | 0,068   |
| Cadmium                       | µg/L | <0.002  |
| Calcium                       | mg/L | 4,75    |
| Chromium                      | µg/L | 1,05    |
| Cobalt                        | µg/L | 0,00676 |
| Copper                        | µg/L | 0,116   |
| Iron                          | mg/L | <0.0004 |
| Lead                          | µg/L | 0,0126  |
| Magnesium                     | mg/L | 0,978   |
| Manganese                     | µg/L | <0.03   |
| Mercury                       | µg/L | <0.002  |
| Molybdenum                    | µg/L | 0,074   |
| Nickel                        | µg/L | <0.05   |
| Phosphorus                    | µg/L | 15      |
| Potassium                     | mg/L | <0.4    |
| Silicon                       | mg/L | 7,17    |
| Sodium                        | mg/L | 11,3    |
| Strontium                     | µg/L | 2,87    |
| Vanadium                      | µg/L | 13,8    |
| Zinc                          | µg/L | <0.4    |
| Antimony                      | µg/L | <0.01   |
| Boron                         | µg/L | 4,83    |
| Selenium                      | µg/L | <0.3    |
| Sulfur                        | mg/L | 0,746   |
| Lithium                       | µg/L | 0,111   |
| 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 |

R26-1419-2

|  |        |          |
|--|--------|----------|
| 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 |
| Nitrites                                     | mg/L   | <0.010   |
| Chloride                                     | mg/L   | 11,5     |
| Fluoride                                     | mg/L   | <0.200   |
| Ammonia and ammonium ions as NH <sub>4</sub> | mg/L   | <0.050   |
| Sulphate as SO <sub>4</sub> 2-               | mg/L   | <5.00    |
| Total Cyanide                                | mg/L   | <0.0010  |
| Nitrate                                      | mg/L   | 0,133    |
| 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     |
| Total Organic Carbon                         | mg/L   | <0.50    |

Hvað varðar áráðanleika, 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  
Teymisstjóri



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

matís



RANNSÓKNANIÐURSTÖÐUR  
Útgefnar af faggildri rannsóknastofu  
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit  
5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26014190003

Vatn

Sýnatökudagsetning: 01/06/2026  
Móttekið: 01/06/2026  
Rannsakað: 01/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 3/Gvendarbrunnar V23  
Tílefni sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 8°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 4,1°C  
Litur/lykt/bragð: Eðlilegt

**Örverurannsóknir**

|                                    | Mæligildi | Heimild                                       |
|------------------------------------|-----------|---|
| E.coli 100 ml síun (ÖVA3)          | <1        | ISO 9308-1:1990 & ISO 9308-1:2000, Cor 1:2007 |
| Gerlafjöldi við 22°C í 1 ml (ÖVA5) | <1        | SM, 23. ed.2017, 9215B & ISO 6222:1999 mod.   |
| Kóligerlar í 100 ml síun (ÖVA3)    | <1        | ISO 9308-1:1990 & ISO 9308-1:2000             |

**Eðlis- og Efnarannsóknir**

|                        | Mæligildi | Heimild              |
|------------------------|-----------|----------------------|
| **Sýrustig (pH) (EVA1) | 8,30      | ISO 10523:2012       |
| **Grugg                | <0,10 NTU | IST EN ISO 7027:1999 |
| **Leiðni (EVA3)        | 99 µS/cm  | ISO 7888:2012        |

**Mat sýnis**

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

5. júní, 2026

Þessar rannsóknaniðurstöður eru  
samþykktar með rafrænni undirskrift:

Hrólfur Sigurðsson  
hrolfur.sigurdsson@matis.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 Hrólf Sigurðsson verkefnisstjóra.



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

matís



RANNSÓKNANIÐURSTÖÐUR  
Útgefnar af faggildri rannsóknastofu  
Report issued by Accredited laboratory

Síða 1 af 1

Reykjavíkurborg / Matvælaeftirlit  
5302697609  
Borgartún 12-14  
Reykjavík - 5

Sýni Nr. R26015910003  
Vatn

Sýnatökudagsetning: 15/06/2026  
Móttekið: 15/06/2026  
Rannsakað: 15/06/2026

Tegund sýnis : Neysluvatn / Borholuvatn  
Sýnatökustaður : Sjá auðkenni  
Auðkenni : 3/Gvendarbrunnar v23  
Tílefni sýnatöku : Reglubundið eftirlit  
Aðrar upplýsingar : Hitastig við móttöku: 7°C  
Ástand vatnsból: Góður  
Frágangur vatnsból: Lokað

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:  
Hitastig: 3,8°C  
Litur/lykt/bragð: Eðlilegt

Örverurannsóknir

Enterokokkar 100 ml síun (ÖVA12)

Mæligildi

<1

Heimild

ISO 7899-2, 1st ed. 2000

Mat sýnis

Ekki metið

Reykjavík,

18. júní, 2026

Þessar rannsóknaniðurstöður eru  
samþykktar með rafrænni undirskrift:

Hrólfur Sigurðsson  
hrolfur.sigurdsson@matís.is

Niðurstöður má eingöngu nota í heild sinni, nema rannsóknastofa gefi skriflegt leyfi til annars.  
Niðurstöður gilda aðeins um það/bau 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 Hrólf Sigurðsson verkefnisstjóra.

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



22.6.2026

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 1.06.2026 á eftirfarandi stað og merkt:  
R26-1419-3/Gvendarbrunnur V23

Niðurstöður:  
(sjá einnig frá Svíþjóð, RAPPORT ST2624611)

R26-1419-3

|                               |      |         |
|-------------------------------|------|---------|
| 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 | 12,5    |
| Arsenic                       | µg/L | <0.05   |
| Barium                        | µg/L | 0,291   |
| Cadmium                       | µg/L | 0,00306 |
| Calcium                       | mg/L | 4,56    |
| Chromium                      | µg/L | 0,879   |
| Cobalt                        | µg/L | 0,00686 |
| Copper                        | µg/L | 0,879   |
| Iron                          | mg/L | <0.0004 |
| Lead                          | µg/L | 0,113   |
| Magnesium                     | mg/L | 1,33    |
| Manganese                     | µg/L | <0.03   |
| Mercury                       | µg/L | <0.002  |
| Molybdenum                    | µg/L | 0,0617  |
| Nickel                        | µg/L | 0,0618  |
| Phosphorus                    | µg/L | 13,2    |
| Potassium                     | mg/L | 0,467   |
| Silicon                       | mg/L | 6,49    |
| Sodium                        | mg/L | 11,5    |
| Strontium                     | µg/L | 4,97    |
| Vanadium                      | µg/L | 11      |
| Zinc                          | µg/L | 1,01    |
| Antimony                      | µg/L | <0.01   |
| Boron                         | µg/L | 4,98    |
| Selenium                      | µg/L | <0.3    |
| Sulfur                        | mg/L | 0,752   |
| Lithium                       | µg/L | 0,12    |
| 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 |

R26-1419-3

|  |        |          |
|--|--------|----------|
| 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 |
| Nitrites                                     | mg/L   | <0.010   |
| Chloride                                     | mg/L   | 12,9     |
| Fluoride                                     | mg/L   | <0.200   |
| Ammonia and ammonium ions as NH <sub>4</sub> | mg/L   | <0.050   |
| Sulphate as SO <sub>4</sub> 2-               | mg/L   | <5.00    |
| Total Cyanide                                | mg/L   | <0.0010  |
| Nitrate                                      | mg/L   | 0,181    |
| 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     |
| Total Organic Carbon                         | mg/L   | <0.50    |

Hvað varðar áráðanleika, 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  
Teymisstjóri



## CERTIFICATE OF ANALYSIS

|              |  |                         |                    |
|--------------|--|-------------------------|--------------------|
| Work Order   | : ST2624611  | Page                    | : 1 of 12          |
| Client       | : Matis ohf  | Project                 | : ----             |
| Contact      | : Hrólfur Sigurdsson   | Purchase Number         | : ----             |
| Address      | : Food Research, inn. and safety<br>Vinlandsleid 12<br>-113 Reykjavik<br>Iceland | Sampler                 | : ----             |
| E-mail       | : hrolfur@matís.is   | Site                    | : ----             |
| Telephone    | : 3544225000   | Date Samples Received   | : 2026-06-05 11:00 |
| C-O-C number | : ----   | Date Analysis Commenced | : 2026-06-05       |
| Quote number | : HL2020SE-MAT-OHF0001 (OF191270)  | Issue Date              | : 2026-06-22 10:20 |
|              |  | 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   | : <a href="http://www.alsglobal.se">www.alsglobal.se</a>           |
| Address    | : Rinkebyvägen 19C<br>182 36 Danderyd<br>Sweden | E-mail    | : <a href="mailto:info.ta@alsglobal.com">info.ta@alsglobal.com</a> |
|            |   | Telephone | : +46 8 5277 5200  |



## Analytical Results

Client sample ID **R26-1419-1/Vatnsendakriki VK-1**  
 Laboratory sample ID **ST2624611-001**  
 Client sampling date / time **2026-05-21**  
 Sub-Matrix **DRINKING WATER**

| Parameter                                     | Result   | MU         | Unit | LOR     | Method      | Issuer |
|---|----------|------------|------|---------|-------------|--------|
| <b>Halogenated Volatile Organic Compounds</b> |          |            |      |         |             |        |
| <b>OV-10</b>                                  |          |            |      |         |             |        |
| 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     |
| <b>Sample Pre-Preparation</b>                 |          |            |      |         |             |        |
| <b>PP-V-S</b>                                 |          |            |      |         |             |        |
| Stabilisation                                 | Yes *    | ----       | -    | -       | W-PPV-S     | LE     |
| <b>Total Metals/Major Cations</b>             |          |            |      |         |             |        |
| <b>V-2</b>                                    |          |            |      |         |             |        |
| Aluminum                                      | 18.9     | ± 3.5      | µg/L | 0.20    | W-SFMS-65D  | LE     |
| Arsenic                                       | <0.05    | ----       | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Barium  | 0.110    | ± 0.016    | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cadmium                                       | <0.002   | ----       | µg/L | 0.0020  | W-SFMS-65D  | LE     |
| Calcium                                       | 4.88     | ± 0.79     | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Chromium                                      | 0.935    | ± 0.154    | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cobalt  | 0.00501  | ± 0.00079  | µg/L | 0.0050  | W-SFMS-65D  | LE     |
| Copper  | <0.1     | ----       | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Iron  | 0.000583 | ± 0.000233 | mg/L | 0.00040 | W-SFMS-65D  | LE     |
| Lead  | 0.0112   | ± 0.0016   | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Magnesium                                     | 0.920    | ± 0.153    | mg/L | 0.090   | W-SFMS-65D  | LE     |
| Manganese                                     | <0.03    | ----       | µg/L | 0.030   | W-SFMS-65D  | LE     |
| Mercury                                       | <0.002   | ----       | µg/L | 0.002   | W-AFS-17V2  | LE     |
| Molybdenum                                    | 0.0775   | ± 0.0118   | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Nickel  | 0.120    | ± 0.020    | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Phosphorus                                    | 18.4     | ± 3.2      | µg/L | 1.0     | W-SFMS-65D  | LE     |
| Potassium                                     | 0.423    | ± 0.087    | mg/L | 0.40    | W-SFMS-65D  | LE     |
| Silicon                                       | 6.88     | ± 1.47     | mg/L | 0.030   | W-SFMS-65D  | LE     |
| Sodium  | 9.01     | ± 1.65     | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Strontium                                     | 2.60     | ± 0.38     | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Vanadium                                      | 16.2     | ± 2.1      | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Zinc  | <0.4     | ----       | µg/L | 0.40    | W-SFMS-65D  | LE     |
| <b>V-2-ADD</b>                                |          |            |      |         |             |        |
| Antimony                                      | <0.01    | ----       | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Boron   | 4.28     | ± 1.11     | µg/L | 1.00    | W-SFMS-65D  | LE     |
| Selenium                                      | <0.3     | ----       | µg/L | 0.30    | W-SFMS-65D  | LE     |
| <b>V-2-Bas-ADD</b>                            |          |            |      |         |             |        |
| Lithium                                       | 0.176    | ± 0.052    | µg/L | 0.100   | W-SFMS-65D  | LE     |
| <b>V-2-S</b>                                  |          |            |      |         |             |        |
| Sulfur  | 0.685    | ± 0.114    | mg/L | 0.20    | W-SFMS-65-S | LE     |
| <b>BTEX</b>                                   |          |            |      |         |             |        |
| <b>OV-5A</b>                                  |          |            |      |         |             |        |
| Benzene                                       | <0.2     | ----       | µg/L | 0.2     | HS-OV-21    | ST     |



| Parameter                                       | Result   | MU     | Unit | LOR     | Method         | Issuer |
|---|----------|--------|------|---------|----------------|--------|
| <b>BTEX - Continued</b>                         |          |        |      |         |                |        |
| <b>OV-5A - Continued</b>                        |          |        |      |         |                |        |
| 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     |
| <b>Polycyclic Aromatics Hydrocarbons (PAHs)</b> |          |        |      |         |                |        |
| <b>GRV-PAH</b>                                  |          |        |      |         |                |        |
| 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     |
| Benzo(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     |
| <b>Nonmetallic Inorganic Parameters</b>         |          |        |      |         |                |        |
| <b>Ammonium i vatten</b>                        |          |        |      |         |                |        |
| Ammonia and ammonium ions as NH <sub>4</sub>    | <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     |
| <b>Cyanid (total) i vatten</b>                  |          |        |      |         |                |        |
| Total Cyanide                                   | <0.0010  | ----   | mg/L | 0.001   | Cyanid_7937,10 | HU     |
| <b>Fluorid i vatten</b>                         |          |        |      |         |                |        |
| Fluoride  | <0.200   | ----   | mg/L | 0.200   | W-F-IC         | PR     |
| <b>Klorid i vatten</b>                          |          |        |      |         |                |        |
| Chloride  | 9.61     | ± 1.44 | mg/L | 4.00    | W-CL-IC        | PR     |
| <b>Nitrat i vatten(0,02 mg</b>                  |          |        |      |         |                |        |
| Nitrate as N                                    | 0.036 *  | ----   | mg/L | 0.005   | W-IC-1/AKL     | AK     |
| Nitrate   | 0.159 *  | ----   | mg/L | 0.022   | W-IC-1/AKL     | AK     |
| <b>Nitrit i vatten</b>                          |          |        |      |         |                |        |
| Nitrites  | <0.010   | ----   | mg/L | 0.010   | Nitrit-N       | ST     |
| Nitrite as N                                    | <0.002   | ----   | mg/L | 0.002   | Nitrit-N       | ST     |
| <b>Sulfat i vatten (IC)</b>                     |          |        |      |         |                |        |
| Sulphate as SO <sub>4</sub> 2-                  | <5.00    | ----   | mg/L | 5.00    | W-SO4-IC       | PR     |
| <b>Halogenated Volatile Organic Compounds</b>   |          |        |      |         |                |        |
| <b>OV-6B</b>                                    |          |        |      |         |                |        |
| 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     |



| Parameter   | Result | MU   | Unit   | LOR  | Method    | Issuer |
|---|--------|------|--------|------|-----------|--------|
| <b>Halogenated Volatile Organic Compounds - Continued</b> |        |      |        |      |           |        |
| <b>OV-6B - Continued</b>                                  |        |      |        |      |           |        |
| 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     |
| <b>Physical Parameters</b>                                |        |      |        |      |           |        |
| <b>Färg</b>   |        |      |        |      |           |        |
| Colour (True)   | <5.0   | ---- | mgPt/l | 5.0  | W-COL-SPC | PR     |
| <b>TOC i vatten</b>                                       |        |      |        |      |           |        |
| Total Organic Carbon                                      | <0.50  | ---- | mg/L   | 0.50 | W-TOC     | ST     |



Client sample ID : R26-1419-2/Jadarsvaedi V4  
 Laboratory sample ID : ST2624611-002  
 Client sampling date / time : 2026-05-21  
 Sub-Matrix : DRINKING WATER

| Parameter                                       | Result  | MU        | Unit | LOR     | Method      | Issuer |
|---|---------|-----------|------|---------|-------------|--------|
| <b>Halogenated Volatile Organic Compounds</b>   |         |           |      |         |             |        |
| <b>OV-10</b>                                    |         |           |      |         |             |        |
| 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     |
| <b>Sample Pre-Preparation</b>                   |         |           |      |         |             |        |
| <b>PP-V-S</b>                                   |         |           |      |         |             |        |
| Stabilisation                                   | Yes *   | ----      | -    | -       | W-PPV-S     | LE     |
| <b>Total Metals/Major Cations</b>               |         |           |      |         |             |        |
| <b>V-2</b>                                      |         |           |      |         |             |        |
| Aluminum  | 20.0    | ± 3.7     | µg/L | 0.20    | W-SFMS-65D  | LE     |
| Arsenic   | 0.0516  | ± 0.0092  | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Barium  | 0.0680  | ± 0.0103  | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cadmium   | <0.002  | ----      | µg/L | 0.0020  | W-SFMS-65D  | LE     |
| Calcium   | 4.75    | ± 0.77    | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Chromium  | 1.05    | ± 0.17    | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cobalt  | 0.00676 | ± 0.00103 | µg/L | 0.0050  | W-SFMS-65D  | LE     |
| Copper  | 0.116   | ± 0.020   | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Iron  | <0.0004 | ----      | mg/L | 0.00040 | W-SFMS-65D  | LE     |
| Lead  | 0.0126  | ± 0.0018  | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Magnesium                                       | 0.978   | ± 0.163   | mg/L | 0.090   | W-SFMS-65D  | LE     |
| Manganese                                       | <0.03   | ----      | µg/L | 0.030   | W-SFMS-65D  | LE     |
| Mercury   | <0.002  | ----      | µg/L | 0.002   | W-AFS-17V2  | LE     |
| Molybdenum                                      | 0.0740  | ± 0.0113  | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Nickel  | <0.05   | ----      | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Phosphorus                                      | 15.0    | ± 2.7     | µg/L | 1.0     | W-SFMS-65D  | LE     |
| Potassium                                       | <0.4    | ----      | mg/L | 0.40    | W-SFMS-65D  | LE     |
| Silicon   | 7.17    | ± 1.53    | mg/L | 0.030   | W-SFMS-65D  | LE     |
| Sodium  | 11.3    | ± 2.1     | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Strontium                                       | 2.87    | ± 0.42    | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Vanadium  | 13.8    | ± 1.8     | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Zinc  | <0.4    | ----      | µg/L | 0.40    | W-SFMS-65D  | LE     |
| <b>V-2-ADD</b>                                  |         |           |      |         |             |        |
| Antimony  | <0.01   | ----      | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Boron   | 4.83    | ± 1.25    | µg/L | 1.00    | W-SFMS-65D  | LE     |
| Lithium   | 0.111   | ± 0.033   | µg/L | 0.100   | W-SFMS-65D  | LE     |
| Selenium  | <0.3    | ----      | µg/L | 0.30    | W-SFMS-65D  | LE     |
| <b>V-2-S</b>                                    |         |           |      |         |             |        |
| Sulfur  | 0.746   | ± 0.124   | mg/L | 0.20    | W-SFMS-65-S | LE     |
| <b>BTEX</b>                                     |         |           |      |         |             |        |
| <b>OV-5A</b>                                    |         |           |      |         |             |        |
| 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     |
| <b>Polycyclic Aromatics Hydrocarbons (PAHs)</b> |         |           |      |         |             |        |



| Parameter   | Result   | MU     | Unit | LOR     | Method         | Issuer |
|---|----------|--------|------|---------|----------------|--------|
| <b>Polycyclic Aromatics Hydrocarbons (PAHs) - Continued</b> |          |        |      |         |                |        |
| <b>GRV-PAH</b>  |          |        |      |         |                |        |
| 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     |
| <b>Nonmetallic Inorganic Parameters</b>                     |          |        |      |         |                |        |
| <b>Ammonium i vatten</b>                                    |          |        |      |         |                |        |
| Ammonia and ammonium ions as NH <sub>4</sub>                | <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     |
| <b>Cyanid (total) i vatten</b>                              |          |        |      |         |                |        |
| Total Cyanide   | <0.0010  | ----   | mg/L | 0.001   | Cyanid_7937,10 | HU     |
| <b>Fluorid i vatten</b>                                     |          |        |      |         |                |        |
| Fluoride  | <0.200   | ----   | mg/L | 0.200   | W-F-IC         | PR     |
| <b>Klorid i vatten</b>                                      |          |        |      |         |                |        |
| Chloride  | 11.5     | ± 1.72 | mg/L | 4.00    | W-CL-IC        | PR     |
| <b>Nitrat i vatten(0,02 mg</b>                              |          |        |      |         |                |        |
| Nitrate as N  | 0.030 *  | ----   | mg/L | 0.005   | W-IC-1/AKL     | AK     |
| Nitrate   | 0.133 *  | ----   | mg/L | 0.022   | W-IC-1/AKL     | AK     |
| <b>Nitrit i vatten</b>                                      |          |        |      |         |                |        |
| Nitrites  | <0.010   | ----   | mg/L | 0.010   | Nitrit-N       | ST     |
| Nitrite as N  | <0.002   | ----   | mg/L | 0.002   | Nitrit-N       | ST     |
| <b>Sulfat i vatten (IC)</b>                                 |          |        |      |         |                |        |
| Sulphate as SO <sub>4</sub> 2-                              | <5.00    | ----   | mg/L | 5.00    | W-SO4-IC       | PR     |
| <b>Halogenated Volatile Organic Compounds</b>               |          |        |      |         |                |        |
| <b>OV-6B</b>  |          |        |      |         |                |        |
| 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     |
| 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     |



| Parameter   | Result | MU   | Unit   | LOR  | Method    | Issuer |
|---|--------|------|--------|------|-----------|--------|
| <b>Halogenated Volatile Organic Compounds - Continued</b> |        |      |        |      |           |        |
| <b>OV-6B - Continued</b>                                  |        |      |        |      |           |        |
| 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     |
| <b>Physical Parameters</b>                                |        |      |        |      |           |        |
| <b>Färg</b>   |        |      |        |      |           |        |
| Colour (True)   | <5.0   | ---- | mgPt/l | 5.0  | W-COL-SPC | PR     |
| <b>TOC i vatten</b>                                       |        |      |        |      |           |        |
| Total Organic Carbon                                      | <0.50  | ---- | mg/L   | 0.50 | W-TOC     | ST     |



Client sample ID **R26-1419-3/Gvendarbrunnur V23**  
 Laboratory sample ID **ST2624611-003**  
 Client sampling date / time **2026-05-21**  
 Sub-Matrix **DRINKING WATER**

| Parameter                                       | Result  | MU        | Unit | LOR     | Method      | Issuer |
|---|---------|-----------|------|---------|-------------|--------|
| <b>Halogenated Volatile Organic Compounds</b>   |         |           |      |         |             |        |
| <b>OV-10</b>                                    |         |           |      |         |             |        |
| 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     |
| <b>Sample Pre-Preparation</b>                   |         |           |      |         |             |        |
| <b>PP-V-S</b>                                   |         |           |      |         |             |        |
| Stabilisation                                   | Yes *   | ----      | -    | -       | W-PPV-S     | LE     |
| <b>Total Metals/Major Cations</b>               |         |           |      |         |             |        |
| <b>V-2</b>                                      |         |           |      |         |             |        |
| Aluminum  | 12.5    | ± 2.3     | µg/L | 0.20    | W-SFMS-65D  | LE     |
| Arsenic   | <0.05   | ----      | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Barium  | 0.291   | ± 0.041   | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cadmium   | 0.00306 | ± 0.00041 | µg/L | 0.0020  | W-SFMS-65D  | LE     |
| Calcium   | 4.56    | ± 0.74    | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Chromium  | 0.879   | ± 0.144   | µg/L | 0.040   | W-SFMS-65D  | LE     |
| Cobalt  | 0.00686 | ± 0.00105 | µg/L | 0.0050  | W-SFMS-65D  | LE     |
| Copper  | 0.879   | ± 0.151   | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Iron  | <0.0004 | ----      | mg/L | 0.00040 | W-SFMS-65D  | LE     |
| Lead  | 0.113   | ± 0.016   | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Magnesium                                       | 1.33    | ± 0.22    | mg/L | 0.090   | W-SFMS-65D  | LE     |
| Manganese                                       | <0.03   | ----      | µg/L | 0.030   | W-SFMS-65D  | LE     |
| Mercury   | <0.002  | ----      | µg/L | 0.002   | W-AFS-17V2  | LE     |
| Molybdenum                                      | 0.0617  | ± 0.0094  | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Nickel  | 0.0618  | ± 0.0157  | µg/L | 0.050   | W-SFMS-65D  | LE     |
| Phosphorus                                      | 13.2    | ± 2.3     | µg/L | 1.0     | W-SFMS-65D  | LE     |
| Potassium                                       | 0.467   | ± 0.097   | mg/L | 0.40    | W-SFMS-65D  | LE     |
| Silicon   | 6.49    | ± 1.39    | mg/L | 0.030   | W-SFMS-65D  | LE     |
| Sodium  | 11.5    | ± 2.1     | mg/L | 0.10    | W-SFMS-65D  | LE     |
| Strontium                                       | 4.97    | ± 0.73    | µg/L | 0.10    | W-SFMS-65D  | LE     |
| Vanadium  | 11.0    | ± 1.4     | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Zinc  | 1.01    | ± 0.17    | µg/L | 0.40    | W-SFMS-65D  | LE     |
| <b>V-2-ADD</b>                                  |         |           |      |         |             |        |
| Antimony  | <0.01   | ----      | µg/L | 0.010   | W-SFMS-65D  | LE     |
| Boron   | 4.98    | ± 1.29    | µg/L | 1.00    | W-SFMS-65D  | LE     |
| Lithium   | 0.120   | ± 0.036   | µg/L | 0.100   | W-SFMS-65D  | LE     |
| Selenium  | <0.3    | ----      | µg/L | 0.30    | W-SFMS-65D  | LE     |
| <b>V-2-S</b>                                    |         |           |      |         |             |        |
| Sulfur  | 0.752   | ± 0.125   | mg/L | 0.20    | W-SFMS-65-S | LE     |
| <b>BTEX</b>                                     |         |           |      |         |             |        |
| <b>OV-5A</b>                                    |         |           |      |         |             |        |
| 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     |
| <b>Polycyclic Aromatics Hydrocarbons (PAHs)</b> |         |           |      |         |             |        |



| Parameter   | Result   | MU     | Unit | LOR     | Method         | Issuer |
|---|----------|--------|------|---------|----------------|--------|
| <b>Polycyclic Aromatics Hydrocarbons (PAHs) - Continued</b> |          |        |      |         |                |        |
| <b>GRV-PAH</b>  |          |        |      |         |                |        |
| 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     |
| <b>Nonmetallic Inorganic Parameters</b>                     |          |        |      |         |                |        |
| <b>Ammonium i vatten</b>                                    |          |        |      |         |                |        |
| Ammonia and ammonium ions as NH <sub>4</sub>                | <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     |
| <b>Cyanid (total) i vatten</b>                              |          |        |      |         |                |        |
| Total Cyanide   | <0.0010  | ----   | mg/L | 0.001   | Cyanid_7937,10 | HU     |
| <b>Fluorid i vatten</b>                                     |          |        |      |         |                |        |
| Fluoride  | <0.200   | ----   | mg/L | 0.200   | W-F-IC         | PR     |
| <b>Klorid i vatten</b>                                      |          |        |      |         |                |        |
| Chloride  | 12.9     | ± 1.93 | mg/L | 4.00    | W-CL-IC        | PR     |
| <b>Nitrat i vatten(0,02 mg</b>                              |          |        |      |         |                |        |
| Nitrate as N  | 0.041 *  | ----   | mg/L | 0.005   | W-IC-1/AKL     | AK     |
| Nitrate   | 0.181 *  | ----   | mg/L | 0.022   | W-IC-1/AKL     | AK     |
| <b>Nitrit i vatten</b>                                      |          |        |      |         |                |        |
| Nitrites  | <0.010   | ----   | mg/L | 0.010   | Nitrit-N       | ST     |
| Nitrite as N  | <0.002   | ----   | mg/L | 0.002   | Nitrit-N       | ST     |
| <b>Sulfat i vatten (IC)</b>                                 |          |        |      |         |                |        |
| Sulphate as SO <sub>4</sub> 2-                              | <5.00    | ----   | mg/L | 5.00    | W-SO4-IC       | PR     |
| <b>Halogenated Volatile Organic Compounds</b>               |          |        |      |         |                |        |
| <b>OV-6B</b>  |          |        |      |         |                |        |
| 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     |
| 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     |



| Parameter   | Result | MU   | Unit   | LOR  | Method    | Issuer |
|---|--------|------|--------|------|-----------|--------|
| <b>Halogenated Volatile Organic Compounds - Continued</b> |        |      |        |      |           |        |
| <b>OV-6B - Continued</b>                                  |        |      |        |      |           |        |
| 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     |
| <b>Physical Parameters</b>                                |        |      |        |      |           |        |
| <b>Färg</b>   |        |      |        |      |           |        |
| Colour (True)   | <5.0   | ---- | mgPt/l | 5.0  | W-COL-SPC | PR     |
| <b>TOC i vatten</b>                                       |        |      |        |      |           |        |
| Total Organic Carbon                                      | <0.50  | ---- | mg/L   | 0.50 | W-TOC     | ST     |

*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 H <sub>2</sub> O <sub>2</sub> prior to analysis (SE-SOP-0259).   |
| W-SFMS-65D         | Determination of metals 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.  |
| 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-IC-1/AKL         | Determination of dissolved fluoride, chloride, nitrite, ortho-phosphate, bromide, nitrate and sulphate ions according to SS-EN ISO 10 304-1:2009. Measurements are performed with liquid chromatography.  |
| 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-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 624.1, US EPA Method 5021A, US EPA Method 8260D, US EPA 8015C, 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  |
| Nitrit-N           | Determination of nitrite nitrogen according to ISO 15923-1:2013 (discrete analysis).<br>Filtration through 0.45 µm filter is included in the method.<br>Sample for the determination of nitrite nitrogen should arrive to the laboratory as soon as possible after sampling, because this parameter is time-sensitive. The determination should be done within 24 hours after sampling according to SS-EN ISO 5667-3. |
| W-TOC              | Determination of TOC in water with combustion and IR according to SS-EN 1484:1997 ed 1.   |

**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

|    | <b>Issuer</b>  |
|----|--|
| AK | <i>The analysis is provided by AK-lab AB, Getängsvägen 29D Borås Sweden 50468 Accredited by: SWEDAC Accreditation Number: 1790</i>   |
| HU | <i>The analysis is provided by ALS Denmark A/S, Bakkegårdsvej 406A Humlebæk Denmark 3050 Accredited by: DANAK Accreditation Number: 361</i>  |
| LE | <i>The analysis is provided by ALS Scandinavia AB Luleå, Aurorum 10 Luleå Sweden 977 75 Accredited by: SWEDAC Accreditation Number: 2030, ISO/IEC 17025</i>  |
| PR | <i>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</i> |
| ST | <i>The analysis is provided by ALS Scandinavia AB Danderyd, Rinkebyvägen 19C Danderyd Sweden 182 36 Accredited by: SWEDAC Accreditation Number: 2030, ISO/IEC 17025</i>                              |