



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

Síða 1 af 1

Heilbrigðiseftirlit Suðurnesja
4203881369
Skógarbraut 945
Reykjanesbæ

Sýni Nr. R18029650003
Vatn

Sýnatökudagsetning: 12/11/2018
Móttekið: 12/11/2018
Rannsakað: 12/11/2018

Tegund sýnis : Neysluvatn / Borholuvatn
Sýnatökustaður : Sjá auðkenni
Auðkenni : H3/HS Veitur - Vatnsveita Isavia Flugstöð
Tílefni sýnatöku : Reglubundið eftirlit
Aðrar upplýsingar : Hitastig við móttöku: 8°C

Skýringar : Mælingar framkvæmdar af eftirliti við sýnatöku:
Hitastig við sýnatöku: 6,9°C

Örverurannsóknir

	Mæligildi	Heimild
E.coli 100 ml síun (ÖVA3)	0	ISO 9308-1:1990 & ISO 9308-1:2000
Enterokokkar 100 ml síun (ÖVA12)	0	ISO 7899-2, 1st ed. 2000
Gerlafjöldi við 22°C í 1 ml (ÖVA5)	0	SM, 23. ed.2017, 9215B & ISO 6222:1999 mod.
Kóligerlar í 100 ml síun (ÖVA3)	0	ISO 9308-1:1990 & ISO 9308-1:2000

Eðlis- og Efnarannsóknir

	Mæligildi	Heimild
**Sýrustig (pH) (EVA1)	7,75	ISO 10523:2012
**Grugg	0,33 NTU	IST EN ISO 7027:1999
**Leiðni (EVA3)	310 µS/cm	ISO 7888:2012

Mat sýnis

Stenst gæðakröfur skv. reglugerð 536/2001

Reykjavík,

15. nóvember, 2018

Þessar rannsóknaniðurstöður eru
samþykktar með rafrænni undirskrift:

Páll Steinþórsson
pall.steinthorsson@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.

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 Margréti Geirsdóttur Gæðastjóra.

Report

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T1834329

16NYZ8W6P5L

Vatnsveita Isavia - Flugeldhús



Your ID	R18-2846-3					
LabID	O11066303					
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
Ca	7.57	0.60	mg/l	1	R	STGR
Fe	0.0317	0.0032	mg/l	1	R	STGR
K	1.35	0.11	mg/l	1	R	STGR
Mg	6.17	0.41	mg/l	1	R	STGR
Na	32.8	2.4	mg/l	1	R	STGR
Si	6.45	0.40	mg/l	1	R	STGR
Al	7.54	1.39	µg/l	1	H	STGR
As	<0.05		µg/l	1	H	STGR
Ba	0.547	0.102	µg/l	1	H	STGR
Cd	<0.002		µg/l	1	H	STGR
Co	0.00676	0.00340	µg/l	1	H	STGR
Cr	0.449	0.083	µg/l	1	H	STGR
Cu	0.526	0.098	µg/l	1	H	STGR
Hg	<0.002		µg/l	1	F	STGR
Mn	0.330	0.059	µg/l	1	H	STGR
Mo	0.112	0.022	µg/l	1	H	STGR
Ni	0.0888	0.0280	µg/l	1	H	STGR
P	20.9	4.1	µg/l	1	H	STGR
Pb	0.0208	0.0044	µg/l	1	H	STGR
Sr	28.3	2.8	µg/l	1	R	STGR
Zn	4.87	1.00	µg/l	1	H	STGR
V	15.3	2.8	µg/l	1	H	STGR
Sb	<0.01		µg/l	2	H	STGR
B	<10		µg/l	2	R	STGR
S	3.09	0.21	mg/l	2	R	STGR
Se	<0.5		µg/l	2	H	STGR
benzene	<0.20		µg/l	3	1	MB
toluene	<0.20		µg/l	3	1	MB
ethylbenzene	<0.10		µg/l	3	1	MB
m,p-xylene	<0.20		µg/l	3	1	MB
o-xylene	<0.10		µg/l	3	1	MB
xylenes, sum *	<0.15		µg/l	3	1	MB
dichloromethane	<2.0		µg/l	4	1	MB
1,1-dichloroethane	<0.10		µg/l	4	1	MB
1,2-dichloroethane	<0.50		µg/l	4	1	MB
trans-1,2-dichloroethene	<0.10		µg/l	4	1	MB
cis-1,2-dichloroethene	<0.10		µg/l	4	1	MB
1,2-dichloropropane	<1.0		µg/l	4	1	MB
tetrachloromethane	<0.10		µg/l	4	1	MB
1,1,1-trichloroethane	<0.10		µg/l	4	1	MB
1,1,2-trichloroethane	<0.20		µg/l	4	1	MB
trichloroethene	<0.10		µg/l	4	1	MB
tetrachloroethene	<0.20		µg/l	4	1	MB
vinylchloride	<1.0		µg/l	4	1	MB
1,1-dichloroethene	<0.10		µg/l	4	1	MB
trichloromethane	<0.30		µg/l	5	1	MB

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T1834329

16NYZ8W6P5L

Vatnsveita Isavia - Flugeldhús



Your ID	R18-2846-3					
LabID	O11066303					
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
tribromomethane	<0.20		µg/l	5	1	MB
dibromochloromethane	<0.10		µg/l	5	1	MB
bromodichloromethane	<0.10		µg/l	5	1	MB
trihalomethanes, sum *	<0.35		µg/l	5	1	MB
nitrate	0.212	0.030	mg/l	6	2	STGR
nitrate nitrogen	0.048	0.00768	mg/l	6	2	STGR
TOC	0.15	0.3	mg/l	7	3	STGR
fluoride	0.076	0.02	mg/l	8	3	STGR
ammonium	<0.026		mg/l	9	1	MB
ammonium nitrogen	<0.020		mg/l	9	1	MB
chloride	46.0	6.90	mg/l	10	1	MB
färg	<2.0		mgPt/l	11	1	MB
sulphate	6.26	0.939	mg/l	12	1	MB
nitrite	<0.0050		mg/l	13	1	MB
nitrite nitrogen	<0.0020		mg/l	13	1	MB
CN total	<0.005		mg/l	14	1	MB
naphthalene	<0.20		µg/l	15	1	MB
acenaphthylene	<0.10		µg/l	15	1	MB
acenaphthene	<0.0070		µg/l	15	1	MB
fluorene	<0.010		µg/l	15	1	MB
phenanthrene	<0.040		µg/l	15	1	MB
anthracene	<0.0050		µg/l	15	1	MB
fluoranthene	<0.0050		µg/l	15	1	MB
pyrene	<0.0050		µg/l	15	1	MB
benzo(a)anthracene	<0.0030		µg/l	15	1	MB
chrysene	<0.0070		µg/l	15	1	MB
benzo(b)fluoranthene	<0.0040		µg/l	15	1	MB
benzo(k)fluoranthene	<0.0020		µg/l	15	1	MB
benzo(a)pyrene	<0.0020		µg/l	15	1	MB
dibenzo(ah)anthracene	<0.0020		µg/l	15	1	MB
benzo(ghi)perylene	<0.0030		µg/l	15	1	MB
indeno(123cd)pyrene	<0.0030		µg/l	15	1	MB
PAH, sum 16 *	<0.20		µg/l	15	1	MB
PAH, sum carcinogenic *	<0.012		µg/l	15	1	MB
PAH, sum non carcinogenic *	<0.20		µg/l	15	1	MB
PAH, sum 4 *	<0.0060		µg/l	15	1	MB
PAH, sum L *	<0.20		µg/l	15	1	MB
PAH, sum M *	<0.033		µg/l	15	1	MB
PAH, sum H *	<0.013		µg/l	15	1	MB