

Hérna eru niðurstöður efnagreininga á neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnin voru tekin 30.11.2021 á eftirtöldum stað:
R21-2895-1/Bakkalindir Dalvíkurbyggð

Niðurstöður: (sjá einnig frá Svíþjóð, Report ST2135074)

	Sýni nr.	R21-2895-1
Sum of xylenes (M1)	µg/L	<0.150
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	13,5
Arsenic	µg/L	<0.05
Barium	µg/L	0,218
Cadmium	µg/L	0,00977
Calcium	mg/L	12,4
Chromium	µg/L	0,0652
Cobalt	µg/L	0,00765
Copper	µg/L	2,78
Iron	mg/L	0,0169
Lead	µg/L	0,11
Magnesium	mg/L	257
Manganese	µg/L	0,431
Mercury	µg/L	<0.002
Molybdenum	µg/L	<0.05
Nickel	µg/L	0,13
Phosphorus	µg/L	11,3
Potassium	mg/L	<2
Silicon	mg/L	0,472
Sodium	mg/L	10
Strontium	µg/L	25,4
Vanadium	µg/L	1,7
Zinc	µg/L	11,8
Lithium	µg/L	0,0918
Antimony	µg/L	0,0116
Boron	µg/L	<50
Selenium	µg/L	<0.3
Sulfur	mg/L	<1
Benzene	µg/L	<0.20
Toluene	µg/L	<0.20
Ethylbenzene	µg/L	<0.10
meta- & para-Xylene	µg/L	<0.20
ortho-Xylene	µg/L	<0.10
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

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Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010
Chrysene	µg/L	<0.0010
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	<0.0030
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
Chloride	mg/L	4,29
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrites	mg/L	<0.0050
Sulphate as SO ₄ 2-	mg/L	<5.00
Total Cyanide	mg/L	<0.0010
Nitrate	mg/L	0,204
Dichloromethane	µg/L	<0.10
1.1-Dichloroethane	µg/L	<0.020
1.2-Dichloroethane	µg/L	<0.020
trans-1.2-Dichloroethene	µg/L	<0.020
cis-1.2-Dichloroethene	µg/L	<0.020
1.2-Dichloropropane	µg/L	<0.020
Chloroform	µg/L	<0.020
Tetrachloromethane	µg/L	<0.020
1.1.1-Trichloroethane	µg/L	<0.020
1.1.2-Trichloroethane	µg/L	<0.020
Trichloroethene	µg/L	<0.020
Tetrachloroethene	µg/L	<0.020
Vinyl chloride	µg/L	<0.020
1.1-Dichloroethene	µg/L	<0.020
Colour (True)	mgPt/l	5
Total Organic Carbon	mg/L	<0.50

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

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Sérfræðingur