

3.12.2024

Hérna eru niðurstöður efnagreininga á einu neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001  
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.  
Sýnið var tekið 11. nóvember 2024 á eftirtöldum stað:  
R24-2785-1/Egilsstadir Hitaveita

Niðurstöður: (sjá einnig frá Svíþjóð, Report ST2446318)

	Sýni nr.	R24-2785-1
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	99,5
Arsenic	µg/L	1,34
Barium	µg/L	0,162
Cadmium	µg/L	<0.01
Calcium	mg/L	6,39
Chromium	µg/L	0,0153
Cobalt	µg/L	0,00766
Copper	µg/L	<0.1
Iron	mg/L	0,0007
Lead	µg/L	0,0736
Magnesium	mg/L	<0.09
Manganese	µg/L	0,0745
Mercury	µg/L	<0.002
Molybdenum	µg/L	26,6
Nickel	µg/L	0,181
Phosphorus	µg/L	<1
Potassium	mg/L	0,815
Silicon	mg/L	28,8
Sodium	mg/L	65,2
Strontium	µg/L	38,6
Vanadium	µg/L	0,0893
Zinc	µg/L	0,229
Antimony	µg/L	0,22
Lithium	µg/L	3,18
Selenium	µg/L	<0.3
Boron	µg/L	157
Sulfur	mg/L	15,9
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
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
Chloride	mg/L	40,6
Total Cyanide	mg/L	<0.005
Fluoride	mg/L	0,564
Ammonia and ammonium ions as NH <sub>4</sub>	mg/L	0,054
Nitrites	mg/L	<0.0050
Sulphate as SO <sub>4</sub> 2-	mg/L	47,3
Nitrate	mg/L	<0.022
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	0,242
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*

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Verkefnastjóri