



Date 21.09.2021

Sample arrived 01.09.2021

Our reference: EUAA55-00007071

Client Code: EP0000075

BLRT Grupp Aktsiaselts

Technical contact for your orders Maarja-Liis Paap

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Sample number 337-2021-00018235  
Client sample code merevesi 3

Sample reference punktproof  
Sample description Marine water  
Sampling date and time 01.09.2021.00:00

**Organotin compounds**

Monobutyltin (MBT)	GFU61	µg/l	< 0.016
Monobutyltin (MBT) - Sn	GFU61	µg/l	< 0.011
Dibutyltin (DBT)	GFU61	µg/l	< 0.016
Dibutyltin (DBT) - Sn	GFU61	µg/l	< 0.0083
Tributyltin (TBT)	GFU61	µg/l	< 0.016
Tributyltin (TBT) - Sn	GFU61	µg/l	< 0.0066
Tetrabutyltin (TTBT)	GFU61	µg/l	< 0.016
Tetrabutyltin (TTBT) - Sn	GFU61	µg/l	< 0.0055
Monooctyltin (MOT)	GFU61	µg/l	< 0.016
Monooctyltin (MOT) - Sn	GFU61	µg/l	< 0.0083
Diocetyl tin (DOT)	GFU61	µg/l	< 0.016
Diocetyl tin (DOT) - Sn	GFU61	µg/l	< 0.0056
Triphenyltin (TPhT)	GFU61	µg/l	< 0.016
Triphenyltin (TPhT) - Sn	GFU61	µg/l	< 0.0055
Tricyclohexyltin (TCyT)	GFU61	µg/l	< 0.032
Tricyclohexyltin (TCyT) - Sn	GFU61	µg/l	< 0.010

**Phenolic compounds**

Nonylphenol - Isomers AN06Z µg/l < 0.5

**Elements**

Copper (Cu)	AN186	mg/l	< 0.001
Zinc (Zn)	AN210	mg/l	0,004
Barium (Ba)	AN174	mg/l	0,0243
Nickel (Ni)	AN192	mg/l	< 0.001


**Method information**

Testcode	Parameter name	Default MU	Default LOQ	Accredited	Method	Laboratory
<b>Organotin compounds</b>						
GFU61	Monobutyltin (MBT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Monobutyltin (MBT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Dibutyltin (DBT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Dibutyltin (DBT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tributyltin (TBT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tributyltin (TBT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tetrabutyltin (TTBT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tetrabutyltin (TTBT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Monooctyltin (MOT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Monooctyltin (MOT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Diocetyl tin (DOT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Diocetyl tin (DOT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Triphenyltin (TPhT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Triphenyltin (TPhT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tricyclohexyltin (TCyT)			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
GFU61	Tricyclohexyltin (TCyT) - Sn			Yes	Internal, GC-MS	GF D-PL-14629-01 -00
<b>Phenolic compounds</b>						
AN06Z	Nonylphenol - Isomers		0.5	Yes	DIN EN ISO 18857-2: 2012-01	AN D-PL-14078-01 -00
<b>Elements</b>						


**Date 21.09.2021**

Elements						
AN186	Copper (Cu)		0.001	Yes	DIN EN ISO 17294-2 (E29): 2017-01	AN D-PL-14078-01 -00
AN210	Zinc (Zn)		0.002	Yes	DIN EN ISO 17294-2 (E29): 2017-01	AN D-PL-14078-01 -00
AN174	Barium (Ba)		0.0005	Yes	DIN EN ISO 17294-2 (E29): 2017-01	AN D-PL-14078-01 -00
AN192	Nickel (Ni)		0.001	Yes	DIN EN ISO 17294-2 (E29): 2017-01	AN D-PL-14078-01 -00

Laboratory		
AN D-PL-14078-01-00	Eurofins Umwelt West GmbH (Wesseling)	DIN EN ISO/IEC 17025:2018 DAkkS D-PL-14078-01-00
GF D-PL-14629-01-00	Eurofins GfA Lab Service GmbH (Hamburg)	DIN EN ISO/IEC 17025:2018 Dakks D-PL-14629-01-00

Method
DIN EN ISO 17294-2 (E29): 2017-01 DIN EN ISO 18857-2: 2012-01 Internal

**SIGNATURE**


Maarja-Liis Paap

Müügiassistent

Maarja-LiisPaap@eurofins.com

Report electronically validated by

**Additional information**

Sampling person: Oksana Vjatkina

Sampling location: Paljassaare laht(BLRT Grupp AS segunemiskiirkond TL079 X:6592325,Y:537285)

Analysis was performed between sample arrival date and Analytical Report date.

**EXPLANATORY NOTE**

This certificate may only be copied as whole. The results apply solely to the samples received and analyzed. Conclusion and other comments are not accredited.