




ΕΡΓΟ:

Έργο Αγωγού EastMed



Τίτλος Εγγράφου:	Ελληνικό Τμήμα EastMed- Μελέτη Περιβαλλοντικών και Κοινωνικών Επιπτώσεων
Υπότιτλος Εγγράφου:	Παράρτημα 8I –Αποτελέσματα Δειγματοληψίας Παράκτιων Ιζημάτων
Αρ.Εγγράφου Έργου:	PERM-GREE-ESIA-A08_0014_0_Annex8I

	ΕΡΓΟ ΑΓΩΓΟΥ EASTMED	 	
	Ελληνικό Τμήμα EastMed - Μελέτη Περιβαλλοντικών και Κοινωνικών Επιπτώσεων	Αρ.Εγγρ.:PERM-GREE-ESIA-A08_0014_0_Annex8I	
		Αναθ. :	00
		Σελ.:	2 από 3

Στοιχεία εγγράφου	
Τίτλος Εγγράφου	Ελληνικό Τμήμα EastMed - Μελέτη Περιβαλλοντικών και Κοινωνικών Επιπτώσεων
Υπότιτλος Εγγράφου	Παράρτημα 8I –Αποτελέσματα Δειγματοληψίας Παράκτιων Ιζημάτων
Εταιρεία	IGI Poseidon
Συγγραφέας	ENVIROLAB
Έργο	Έργο Αγωγού EastMed
Αριθμός Εγγράφου Έργου	PERM-GREE-ESIA-A08_0014_0_Annex8I
Ημερομηνία	03/06/2022
Αναθεώρηση	00

Ιστορικό εγγράφου					
Αναθεώρηση	Συντάκτης	Έλεγχος από	Έγκριση από	Ημερομηνία	Έκδοση
00	ENVIROLAB	ASPROFOS, ERM	IGI POSEIDON	03/06/2022	Για υποβολή στις Υπηρεσίες

Για τον Φορέα του Έργου

Digitally signed by: RESTELLI MATTEO
Location: Milan
Date: 02/06/2022 13:31:56

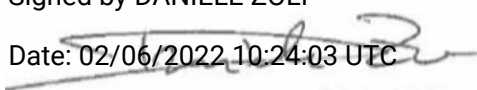



Digitally signed by
Michail Folas
Date: 2022.06.03
10:22:32 +03'00'

Για τον Περιβαλλοντικό Μελετητή

Signed by DANIELE ZOLI

Date: 02/06/2022 10:24:03 UTC



FILIPPOS
MARKOS
SPANIDIS




Digitally signed by FILIPPOS
MARKOS SPANIDIS
DN: cn=FILIPPOS MARKOS
SPANIDIS, c=GR,
email=pspani@asprofos.gr
Date: 2022.06.02 12:15:48 +03'00'

DIMITRIOS
HOURMOUZIADIS

Digitally signed by dimitrios
hourmouziadis
DN: cn=dimitrios hourmouziadis,
c=GR,
email=dhourmouziadis@asprofos.gr
Date: 2022.06.01 18:55:36 +03'00'

GEORGIOS
VALAIS

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VALAIS
DN: cn=GEORGIOS VALAIS,
c=GR, email=gvalais@asprofos.gr
Date: 2022.06.01 19:18:57 +03'00'

	ΕΡΓΟ ΑΓΩΓΟΥ EASTMED	 
	Ελληνικό Τμήμα EastMed - Μελέτη	Αρ.Εγγρ: PERM-GREE-ESIA-A08_0014_0_Annex8I
	Περιβαλλοντικών και Κοινωνικών Επιπτώσεων	Αναθ. : 00
		Σελ.: 3 από 3

ΠΑΡΑΡΤΗΜΑ 8.1 ΑΠΟΤΕΛΕΣΜΑΤΑ ΔΕΙΓΜΑΤΟΛΗΨΙΑΣ

ΠΑΡΑΚΤΙΩΝ ΙΖΗΜΑΤΩΝ



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	03/07/2021
Date of Import	03/07/2021
Sample code	En-2021-4056
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4056**
Period of Analysis **02/07/2021 - 09/07/2021**
Client's Declaration **ΑΘΕΡΙΝΟΛΑΚΟΣ/ΑΤΗΡΙΝΟΛΑΚΟΣ- ΙΖΗΜΑ 1/SEDIMENT 1 5m (35.00..094N/26.08.400E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	7,2	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	2350	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	19	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	145	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	0,3	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	8,0	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	5,6	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	0,9	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,09	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,6	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

The company does not accept any responsibility for the aforementioned max. acceptable levels, which are given only for information reasons.

The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	03/07/2021
Date of Import	03/07/2021
Sample code	En-2021-4057
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4057**
Period of Analysis **02/07/2021 - 09/07/2021**
Client's Declaration **ΑΘΕΡΙΝΟΛΑΚΟΣ/ΑΤΗΡΙΝΟΛΑΚΟΣ- ΙΖΗΜΑ 2/SEDIMENT 2 10m (35.00.137N/26.08.535E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	8,4	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	1190	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	14	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	146	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	0,9	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,3	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	4,0	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	3,6	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	0,7	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,09	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,0	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	03/07/2021
Date of Import	03/07/2021
Sample code	En-2021-4058
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4058**
Period of Analysis **02/07/2021 - 09/07/2021**
Client's Declaration **ΑΘΕΡΙΝΟΛΑΚΟΣ/ΑΤΗΡΙΝΟΛΑΚΟΣ- ΙΖΗΜΑ 3/SEDIMENT 3 8m (35.00.154N/26.08.538E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	8,8	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	3690	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	14	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	264	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	1,8	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	19	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	17	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	1,9	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,08	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	2,8	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4044
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4044**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 1/SEDIMENT 1 11m (36.35.862N/ 23.03.670E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	3,8	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	3710	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	17	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	42	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	2,8	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	3,5	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	2,6	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	8,4	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,32	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,4	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4045
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4045**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 2/SEDIMENT 2 8m (36.35.854N/ 23.03.630E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	4,2	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	5860	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	6,8	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	60	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	3,4	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	3,5	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	4,2	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	12	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,11	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,6	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4046
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4046**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 3/SEDIMENT 3 7m (36.35.820N/ 23.03.624E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	6,4	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	4540	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	15	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	62	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	3,4	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	3,0	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	3,4	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	10	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,08	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,4	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4047
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4047**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 4/SEDIMENT 4 5m (36.35.787N/ 23.03.618E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	5,0	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	4340	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	13	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	50	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	3,0	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	3,0	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	3,4	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	8,6	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,10	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,2	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

The company does not accept any responsibility for the aforementioned max. acceptable levels, which are given only for information reasons.

The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4048
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4048**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 5/SEDIMENT 5 5m (36.35.807N/ 23.03.639E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	8,0	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	4060	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	21	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	64	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	2,8	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	2,6	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	2,8	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	8,0	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,06	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,6	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA
Sampling	Envirolab Sampler Name : MPANAGIS DIMITRIS- ARABAGIS EUAGGELOS
Date of sample receipt	29/06/2021
Date of Import	29/06/2021
Sample code	En-2021-4049
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-4049**
Period of Analysis **29/06/2021 - 09/07/2021**
Client's Declaration **ΑΓΙΟΣ ΦΩΚΑΣ/AGIOS FOKAS - IZHMA 6/SEDIMENT 6-REFERENCE 22m (36.35.932N/ 23.03.930E)**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	5,4	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	5770	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	18	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	62	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	3,7	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,2	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	4,0	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	4,0	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	12	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,07	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	1,8	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3746
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3746**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 1/SAMPLE 1 25m 38.11.227N/21.29.544E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	44	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	24080	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	88	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	540	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	10	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	3,0	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	80	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	70	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	7,6	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,31	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	14	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3747
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3747**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 2/SAMPLE 2 (REFERENCE) 30m 38.11.248N/21.29.563E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	34	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	22940	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	79	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	520	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	12	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	2,7	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	78	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	71	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	7,4	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,29	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	12	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3748
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3748**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 3/SAMPLE 3 20m 38.11.197N/21.29.518E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	17	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	16480	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	32	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	430	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	6,0	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	2,0	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	54	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	42	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	7,3	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,12	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	10	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3749
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3749**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 4/SAMPLE 4 10m 38.11.040N/21.29.387E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	16	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	15970	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	31	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	410	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	5,7	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	2,1	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	51	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	39	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	7,2	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,14	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	11	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : ΜΠΑΝΑΓΗΣ Δ. & ΑΡΑΜΠΑΤΖΗΣ Ε
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3750
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3750**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 5/SAMPLE 5 1m 38.10.894N/21.29.247E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	5,2	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	6350	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	11	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	530	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	2,0	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	1,0	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	20	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	10	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,2	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,06	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	3,7	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

The company does not accept any responsibility for the aforementioned max. acceptable levels, which are given only for information reasons.

The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : ΜΠΑΝΑΓΗΣ Δ. & ΑΡΑΜΠΑΤΖΗΣ Ε.
Date of sample receipt	23/06/2021
Date of Import	23/06/2021
Sample code	En-2021-3751
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3751**
Period of Analysis **23/06/2021 - 09/07/2021**
Client's Declaration **ΛΑΚΟΠΕΤΡΑ/LAKOPETRA ΣΗΜΕΙΟ 6/SAMPLE 6 5m 38.10.942N/21.29.293E SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	5,8	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	6410	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	10	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	530	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	1,9	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	1,1	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	22	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	11	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,3	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,05	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	3,2	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3758
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3758**
Period of Analysis **24/06/2021 - 09/07/2021**
Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕΥΙΝΟΧΟΡΙ ΠΑΤΡΑΙΚΟΥ ΣΗΜΕΙΟ 1/SAMPLE 1 30m (REFERENCE)**
38.18.566N/21.33.384E ΙΖΗΜΑ/SEDIMENT
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	26	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	23260	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	40	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	540	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	7,6	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	1,4	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	86	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	56	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,8	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,18	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	14	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3759
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3759**

Period of Analysis **24/06/2021 - 09/07/2021**

Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕVINOCHORI PATRAIKOU ΣΗΜΕΙΟ 2/SAMPLE 2 25m 38.18.507N/21.33.454E
ΙΖΗΜΑ/SEDIMENT**

Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	28	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	25570	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	46	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	560	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	8,2	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	3,0	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	93	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	74	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	6,6	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,14	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	15	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3760
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3760**

Period of Analysis **24/06/2021 - 09/07/2021**

Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕVINOCHORI PATRAIKOU ΣΗΜΕΙΟ 3/SAMPLE 3 20m 38.18.566N/21.33.469E
ΙΖΗΜΑ/SEDIMENT**

Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	37	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	25390	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	60	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	576	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	8,6	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,6	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	104	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	76	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,8	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,14	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	16	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

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Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3761
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3761**
Period of Analysis **24/06/2021 - 09/07/2021**
Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕVINOCHORI PATRAIKOU ΣΗΜΕΙΟ 4/SAMPLE 4 10m 38.18.624N/21.33.482E
ΙΖΗΜΑ/SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	29	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	24120	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	48	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	541	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	7,9	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,7	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	91	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	64	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,4	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,13	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	14	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

 * **Not accredited method** according to ISO 17025.

 ** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer

Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3762
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3762**

Period of Analysis **24/06/2021 - 09/07/2021**

Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕVINOCHORI PATRAIKOU ΣΗΜΕΙΟ 5/SAMPLE 5 5m 38.19.218N/21.33.628E**
ΙΖΗΜΑ/SEDIMENT

Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	27	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	23840	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	47	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	539	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	7,7	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,9	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	87	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	61	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,1	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,12	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	13	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

* **Not accredited method** according to ISO 17025.

** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

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The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer



Laboratory Manager



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	WASTES
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3763
Type of analysis	Physicochemical

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Results

Sample Code **En-2021-3763**
Period of Analysis **24/06/2021 - 09/07/2021**
Client's Declaration **ΕΥΗΝΟΧΩΡΙ ΠΑΤΡΑΙΚΟΥ/ΕVINOCHORI PATRAIKOU ΣΗΜΕΙΟ 6/SAMPLE 6 1m 38.19.312N/21.33.650E
ΙΖΗΜΑ/SEDIMENT**
Sample condition upon receipt **Acceptable**

Parameter	Units	Result	Reporting limit	Uncertainty at the accept. level	Max. accept. lev.**	Method
Copper (Cu)	mg/kg d.w.	24	1.5	18.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Iron (Fe)	mg/kg d.w.	23490	1.3	6.8%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Zinc (Zn)	mg/kg d.w.	44	2.3	10.4%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Manganese (Mn)	mg/kg d.w.	535	0.3	3.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Lead (Pb)	mg/kg d.w.	7,4	0.3	6.1%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cadmium (Cd)	mg/kg d.w.	0,7	0.05	11.6%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Nickel (Ni)	mg/kg d.w.	85	0.4	4.5%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cromium (Cr)	mg/kg d.w.	59	0.5	5.0%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Arsenic (As)	mg/kg d.w.	5,0	0.03	4.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Mercury (Hg)	mg/kg d.w.	0,12	0.02	5.3%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)
Cobalt (Co)	mg/kg d.w.	13	0.1	7.7%	"_"	Mod.acc to method APHA 3125 A,B by inductively coupled plasma mass spectrometry(ICP MS)

St. Met.: APHA, Standard Methods 22nd Ed, 2012.

N.D.: Not determined at the reporting limit of the method.

 * **Not accredited method** according to ISO 17025.

 ** **Max. acceptable levels** described and explained as to their proper use in Greek and European legislation (98/83/EU 3-11-1998 & 2013/51/EURATOM 22-10-2013) and their amendments.

The company does not accept any responsibility for the aforementioned max. acceptable levels, which are given only for information reasons.

The time of retention of the Sub-sample is one month from the date of the issuing of the present certificate, unless otherwise instructed by the client. This refers only to samples which can be kept during this period of time in appropriate conditions.

Al. Gounaris/Chemical Engineer

Laboratory Manager

SUMMARY TABLE OF CHEMICAL ANALYSIS OF SEDIMENTS ON METALS

Sample No	Copper (Cu) (mg/kg d.w.)	Iron(Fe) (mg/kg d.w.)	Zinc (Zn) (mg/kg d.w.)	Manganese (Mn) (mg/kg d.w.)	Lead (Pb) (mg/kg d.w.)	Cadmium(Cd) (mg/kg d.w.)	Nickel (Ni) (mg/kg d.w.)	Chromium (Cr) (mg/kg d.w.)	Arsenic (As) (mg/kg d.w.)	Mercury (Hg) (mg/kg d.w.)	Cobalt (Co) (mg/kg d.w.)
ATHERINOLAKOS -- LF2											
En-2021-4056	7,2	2350	19	145	0,3	0,2	8,0	5,6	0,9	0,09	1,6
En-2021-4057	8,4	1190	14	146	0,9	0,3	4,0	3,6	0,7	0,09	1,0
En-2021-4058	8,8	3690	14	264	1,8	0,2	19	17	1,9	0,08	2,8
AGIOS FOKAS -- LF3											
En-2021-4044	3,8	3710	17	42	2,8	0,2	3,5	2,6	8,4	0,32	1,4
En-2021-4045	4,2	5860	6,8	60	3,4	0,2	3,5	4,2	12	0,11	1,6
En-2021-4046	6,4	4540	15	62	3,4	0,2	3,0	3,4	10	0,08	1,4
En-2021-4047	5,0	4340	13	50	3,0	0,2	3,0	3,4	8,6	0,10	1,2
En-2021-4048	8,0	4060	21	64	2,8	0,2	2,6	2,8	8,0	0,06	1,6
En-2021-4049	5,4	5770	18	62	3,7	0,2	4,0	4,0	12	0,07	1,8
LAKOPETRA -- LF4											
En-2021-3746	44	24080	88	540	10	3,0	80	70	7,6	0,31	14
En-2021-3747	34	22940	79	520	12	2,7	78	71	7,4	0,29	12
En-2021-3748	17	16480	32	430	6,0	2,0	54	42	7,3	0,12	10
En-2021-3749	16	15970	31	410	5,7	2,1	51	39	7,2	0,14	11
En-2021-3750	5,2	6350	11	530	2,0	1,0	20	10	5,2	0,06	3,7
En-2021-3751	5,8	6410	10	530	1,9	1,1	22	11	5,3	0,05	3,2
EVINOCHORI -- LF5											
En-2021-3758	26	23260	40	540	7,6	1,4	86	56	5,8	0,18	14
En-2021-3759	28	25570	46	560	8,2	3,0	93	74	6,6	0,14	15
En-2021-3760	37	25390	60	576	8,6	0,6	104	76	5,8	0,14	16
En-2021-3761	29	24120	48	541	7,9	0,7	91	64	5,4	0,13	14
En-2021-3762	27	23840	47	539	7,7	0,9	87	61	5,1	0,12	13
En-2021-3763	24	23490	44	535	7,4	0,7	85	59	5,0	0,12	13



TEST REPORT

Πελάτης	ASPROFOS engineering
Διεύθυνση πελάτη	AV. EL.VENIZELOU 284
Περιγραφή Δείγματος	ΙΖΗΜΑ/SEDIMENT
Δειγματοληψία	Envirolab Sampler: MPANAGIS DIM. & ARABAGIS EUAG.
Ημερομηνία παραλαβής δείγματος	03/07/2021
Ημερομηνία Εισαγωγής	03/07/2021
Κωδικός δείγματος	En-2021-4056-58
Είδος ανάλυσης	Φυσικοχημική/Physicochemical

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P. Mela 3 & Iasonos 38333 Volos Magnesia Tel.: +30 2421022945-7 Fax: +30 2421023894
Environmental Lab, Volos

Results

Sub-Matrix: **SOIL**

				Laboratory sample ID		En-2021-4056		En -2021-4057		En -2021-4058	
				Client sampling date / time		[03-Jul-2021]		[03-Jul-2021]		[03-Jul-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Physical Parameters											
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	83.0	± 6.0%	81.0	± 6.0%	85.5	± 6.0%		
Polycyclic Aromatics Hydrocarbons (PAHs)											
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(a)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Dibenz(a,h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(g,h,i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-PAHGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). 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

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

The analyzes were performed in a collaborating laboratory.

Al. Gounaris/ Chemical Engineer



Laboratory Manager

ATHERINOLAKOS □RETE SEDIMENT SAMPLES

Lab. Sample ID	SAMPLE	DATE	TIME	GPS (LON)	GPS (LAT)
En-2021-4056	I1	3/7/2021	11:15:04	35°00.094'	26°08.400'
En-2021-4057	I2	3/7/2021	11:26:07	35°00.137'	26°08.535'
En-2021-4058	I3	3/7/2021	11:53:30	35°00.154'	26°08.538'



TEST REPORT

Πελάτης	ASPROFOS engineering
Διεύθυνση πελάτη	AV. EL.VENIZELOY 284
Περιγραφή Δείγματος	ΙΖΗΜΑ/SEDIMENT
Δειγματοληψία	EnviroLab Sampler : MPANAGIS DIM & ARABAGIS EUAG.
Ημερομηνία παραλαβής δείγματος	29/06/2021
Ημερομηνία Εισαγωγής	29/06/2021
Κωδικός δείγματος	En-2021-4044-49
Είδος ανάλυσης	Φυσικοχημική/Physicochemical

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Enviromental Lab, Volos

Results

Sub-Matrix: SOIL

		Laboratory sample ID		En-2021-4044		En-2021-4045		En-2021-4046	
		Client sampling date / time		[29-06-2021]		[29-06-2021]		[29-06-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	39.5	± 6.1%	69.4	± 6.0%	69.1	± 6.0%
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(a)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Dibenz(a.h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(g.h.i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----

Sub-Matrix: SOIL

		Laboratory sample ID		En-2021-4047		En-2021-4048		En-2021-4049	
		Client sampling date / time		[29-06-2021]		[29-06-2021]		[29-06-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	64.1	± 6.0%	84.8	± 6.0%	70.4	± 6.0%
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Anthracene	S-PAHGMS05								
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(a)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Dibenz(a.h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(g.h.i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

<i>Analytical Methods</i>	<i>Method Descriptions</i>
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-PAHGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). 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

A “**” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

The analyzes were performed in a collaborating laboratory.

Al. Gounaris/ Chemical Engineer



Laboratory Manager

A□ IOS □OKAS MONEMVASIA SEDIMENT SAMPLES

Lab. Sample ID	SAMPLE	DATE	TIME	GPS (LON)	GPS (LAT)
En-2021-4044	I1	29/6/2021	13:05:18	36°35.862'	23°03.670'
En-2021-4045	I2	29/6/2021	13:31:37	36°35.854'	23°03.630'
En-2021-4046	I3	29/6/2021	13:47:50	36°35.820'	23°03.624'
En-2021-4047	I4	29/6/2021	14:10:24	36°35.787'	23°03.618'
En-2021-4048	I5	29/6/2021	14:18:31	36°35.807'	23°03.639'
En-2021-4049	I6(REF)	29/6/2021	14:27:08	36°35.932'	23°03.930'



TEST REPORT

Client	ASPROFOS engineering
Client's address	AV. EL. VENIZELOU 284
Sample description	IZHMA/SEDIMENT
Sampling	Envirolab Sampler Name : MPANAGIS DIM.- ARABAGIS EUAG.
Date of sample receipt	24/06/2021
Date of Import	24/06/2021
Sample code	En-2021-3759
Type of analysis	Physicochemical

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Results

Analytical Results

Sub-Matrix: SOIL				Client sample ID		En-2021-3758		En-2021-3759		En-2021-3760	
				Laboratory sample ID		PR2168033-001		PR2168033-002		PR2168033-003	
						Client sampling date / time		[01-Jul-2021]		[01-Jul-2021]	
				Parameter	Method	LOR	Unit	Result	MU	Result	MU
Physical Parameters											
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	69.8	± 6.0%	69.1	± 6.0%	64.5	± 6.0%		
Polycyclic Aromatics Hydrocarbons (PAHs)											
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	0.011	± 30.0%	0.011	± 30.0%		
Anthracene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----		
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(a)pyrene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----		
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Dibenz(a,h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(g,h,i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----		

Sub-Matrix: SOIL				Client sample ID		En-2021-3761		En-2021-3762		En-2021-3763	
				Laboratory sample ID		PR2168033-004		PR2168033-005		PR2168033-006	
				Client sampling date / time		[01-Jul-2021]		[01-Jul-2021]		[01-Jul-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Physical Parameters											
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	73.1	± 6.0%	72.4	± 6.0%	68.0	± 6.0%		
Polycyclic Aromatics Hydrocarbons (PAHs)											
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	0.011	± 30.0%	<0.010	----	0.011	± 30.0%		
Anthracene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----		
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(a)pyrene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----		
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Dibenz(a,h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Benzo(g,h,i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----		

Sub-Matrix: SOIL				Client sample ID		En-2021-3746		En-2021-3747		En-2021-3748	
				Laboratory sample ID		PR2168033-007		PR2168033-008		PR2168033-009	
				Client sampling date / time		[01-Jul-2021]		[01-Jul-2021]		[01-Jul-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Physical Parameters											
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	62.5	± 6.0%	64.6	± 6.0%	69.2	± 6.0%		
Polycyclic Aromatics Hydrocarbons (PAHs)											
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----		

Sub-Matrix: SOIL

Client sample ID

Laboratory sample ID

Client sampling date / time

				En-2021-3746		En-2021-3747		En-2021-3748	
				PR2168033-007		PR2168033-008		PR2168033-009	
				[01-Jul-2021]		[01-Jul-2021]		[01-Jul-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Anthracene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	0.011	± 30.0%	<0.010	----	<0.010	----
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(a)pyrene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Dibenz(a,h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(g,h,i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----

Sub-Matrix: SOIL

Client sample ID

Laboratory sample ID

Client sampling date / time

				En-2021-3749		En-2021-3750		En-2021-3751	
				PR2168033-010		PR2168033-011		PR2168033-012	
				[01-Jul-2021]		[01-Jul-2021]		[01-Jul-2021]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	68.6	± 6.0%	73.5	± 6.0%	75.1	± 6.0%
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Acenaphthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Fluorene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Phenanthrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Anthracene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----
Fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benz(a)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Chrysene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(b)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(k)fluoranthene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(a)pyrene	S-PAHGMS05	0.0100	mg/kg DW	<0.0100	----	<0.0100	----	<0.0100	----
Indeno(1.2.3.cd)pyrene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Dibenz(a,h)anthracene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Benzo(g,h,i)perylene	S-PAHGMS05	0.010	mg/kg DW	<0.010	----	<0.010	----	<0.010	----
Sum of 16 PAH	S-PAHGMS05	0.160	mg/kg DW	<0.160	----	<0.160	----	<0.160	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor $k = 2$, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

<i>Analytical Methods</i>	<i>Method Descriptions</i>
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346:2007, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
<i>Analytical Methods</i>	<i>Method Descriptions</i>
S-PAHGMS05	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). 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

A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.

The analyzes were performed in a collaborating laboratory.

Al. Gounaris/ Chemical Engineer



Laboratory Manager

LAKOPETRA PATRAIKOU SEDIMENT SAMPLES

Lab. Sample ID	SAMPLE	DATE	TIME	GPS (LON)	GPS (LAT)
En-2021-3746	I1	23/6/2021	9:48:19	38°11.227'	21°29.544'
En-2021-3747	I2(REF)	23/6/2021	10:08:02	38°11.248'	21°29.563'
En-2021-3748	I3	23/6/2021	10:31:14	38°11.197'	21°29.518'
En-2021-3749	I4	23/6/2021	10:41:26	38°11.040'	21°29.387'
En-2021-3750	I5	23/6/2021	11:06:38	38°10.894'	21°29.247'
En-2021-3751	I6	23/6/2021	11:34:31	38°10.942'	21°29.293'

EVINOHORI PATRAIKOU SEDIMENT SAMPLES

Lab. Sample ID	SAMPLE	DATE	TIME	GPS (LON)	GPS (LAT)
En-2021-3758	I1(REF)	24/6/2021	10:04:15	38°18.230'	21°33.384'
En-2021-3759	I2	24/6/2021	12:41:02	38°18.507'	21°33.454'
En-2021-3760	I3	24/6/2021	12:04:10	38°18.566'	21°33.469'
En-2021-3761	I4	24/6/2021	11:34:40	38°18.624'	21°33.482'
En-2021-3762	I5	24/6/2021	11:01:36	38°19.218'	21°33.628'
En-2021-3763	I6	24/6/2021	10:35:06	38°19.312'	21°33.650'