

## CERTYFIKAT ANALIZY

Zlecenie	: PR1532356	Data wystawienia	: 2.6.2015
Klient	: proGEO Sp. z o.o.	Laboratorium	: ALS Czech Republic, s.r.o.
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Telefon	: +48 7136 04515	Telefon	: +420 226 226 228
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Projekt	: GZUK s. z.o.o.- Zakład w m . Kozodrza	Strona	: 1 z 16
Numer zamówienia:	: ----	Data otrzymania próbek	: 27.5.2015
Numer zlecenia "COC"	: ----	Numer oferty	: PR2014PROGE-PL0007 (PL-130-14-0409)
Zakład	: ----	Data badania.	: 27.5.2015 - 2.6.2015
Próby pobrane przez	: Probobiorca ALS	Poziom Kontroli Jakości "QC Level"	: ALS CR Standard Quality Control Schedule

### Uwagi ogólne

Ten raport nie powinien być powielany inaczej jak w pełnej formie bez pisemnej zgody laboratorium.

Laboratorium oświadcza, że wyniki odnoszą się wyłącznie do wymienionych próbek

Próbka PR1532356/004-007, S-TPHFID01 zawiera lotne węglowodory, z ilością atomów węgla w łańcuchach mniejszą niż 40.

Sample(s) PR1532356/010, method S-TPHFID01 - contain(s) low-boiling hydrocarbons with retention time less than retention time of C10.

### Odpowiedzialny za prawidłowość

Podpisy

Zdenek Jirak



Pozycja

Environmental Business Unit  
Manager



Laboratorium Badawcze  
Akredytowane przez  
CAI





## Wyniki analiz

Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-1		G-2		G-3	
				PR1532356001		PR1532356002		PR1532356003	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Parametry fizyczne</b>									
Sucha masa w 105°C	S-DRY-GRCI	0.10	%	95.4	±6.0 %	90.7	±6.0 %	86.8	±6.0 %
<b>Parametry złożone</b>									
Azbest	S-ASB-OMI	-	-	nie	---	---	---	---	---
Actinolite	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
Amosite	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
Anthophyllite	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
Chrysotile	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
Crocidolite	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
Tremolite	S-ASB-OMI	-	-	nie wykryto	---	---	---	---	---
<b>Niemetalowe parametry nieorganiczne</b>									
Cyjanki ogólne	S-CNT-PHO	0.10	mg/kg s.m.	---	---	---	---	0.20	±44.8 %
Cyjanki wolne	S-CNF-PHO	0.10	mg/kg s.m.	---	---	---	---	<0.10	---
Cyjanki wolne	S-CNF-PHO	0.10	mg/kg s.m.	---	---	---	---	<0.10	---
<b>Metale ekstrahowalne/ Główne kationy</b>									
Arsen	S-METAXHB1	0.50	mg/kg s.m.	<0.50	---	0.51	±20.0 %	2.36	±20.0 %
Bar	S-METAXHB1	0.20	mg/kg s.m.	14.3	±20.0 %	14.3	±20.0 %	29.1	±20.0 %
Chrom	S-METAXHB1	0.50	mg/kg s.m.	4.36	±20.0 %	4.98	±20.0 %	21.8	±20.0 %
Cyna (Sn)	S-METAXHB1	1.0	mg/kg s.m.	<1.0	---	<1.0	---	<1.0	---
Cynk (Zn)	S-METAXHB1	3.0	mg/kg s.m.	9.3	±20.0 %	15.4	±20.0 %	31.2	±20.0 %
Kadm	S-METAXHB1	0.40	mg/kg s.m.	<0.40	---	<0.40	---	<0.40	---
Kobalt	S-METAXHB1	0.20	mg/kg s.m.	1.45	±20.0 %	1.86	±20.0 %	5.29	±20.0 %
Miedź	S-METAXHB1	1.0	mg/kg s.m.	2.3	±20.0 %	4.4	±20.0 %	12.2	±20.0 %
Molibden (Mo)	S-METAXHB1	0.40	mg/kg s.m.	<0.40	---	<0.40	---	<0.40	---
Nikiel (Ni)	S-METAXHB1	1.0	mg/kg s.m.	4.4	±20.0 %	5.8	±20.0 %	16.5	±20.0 %
Ołów (Pb)	S-METAXHB1	1.0	mg/kg s.m.	4.1	±20.0 %	4.8	±20.0 %	7.9	±20.0 %
Rtęć (Hg)	S-METAXHB1	0.20	mg/kg s.m.	<0.20	---	<0.20	---	<0.20	---
Wanad	S-METAXHB1	0.10	mg/kg s.m.	4.73	±20.0 %	5.12	±20.0 %	12.5	±20.0 %
<b>BTEX</b>									
Benzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Toluen	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
Etylobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
meta- & para-ksylen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
orto-ksylen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma ksylenów	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
Suma BTEX	S-VOCGMS02	0.170	mg/kg s.m.	<0.170	---	<0.170	---	<0.170	---
<b>Halogenowane lotne związki organiczne</b>									
Chlorek winylu	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
trans-1.2-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dichloromethane	S-VOCGMS02	0.80	mg/kg s.m.	<0.80	---	<0.80	---	<0.80	---
cis-1.2-Dichloroeten	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.1-Dichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Chloroform	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
1.2-Dichloroetan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
1.1.1-Trichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Tetrachloromethane	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Trichloroethene	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2-Dichloropropan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
1.1.2-Trichloroetan	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
Tetrachloroethene	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Chlorobenzen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---



Matryca badana: GRUNT

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				PR1532356001		PR1532356002		PR1532356003	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Halogenowane lotne związki organiczne - Kontynuacja</b>									
1.4-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.3-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.4-Trichlorobenzen	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
1.2.3-Trichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.3.5-Trichlorobenzen	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	---	<0.050	---	<0.050	---
Suma 3 dichlorobenzenów	S-VOCGMS02	0.060	mg/kg s.m.	<0.060	---	<0.060	---	<0.060	---
Suma 3 Trichlorobenzenów	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
<b>Niehalogenowane lotne związki organiczne</b>									
Styren	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	---	<0.050	---	<0.050	---
<b>Wielopierścieniowe węglowodory aromatyczne (PAH)</b>									
Naftalen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Acenaftylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
acenaften	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fluoren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fenantren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.018	±30.0 %	<0.010	---
Antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.039	±30.0 %	<0.010	---
Piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.034	±30.0 %	<0.010	---
Benzo(a)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.019	±30.0 %	<0.010	---
Chryzen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.018	±30.0 %	<0.010	---
Benzo(b)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.024	±30.0 %	<0.010	---
Benzo(k)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Benzo(a)piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.018	±30.0 %	<0.010	---
Indeno(1.2.3.cd)piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Benzo(g,h,i)perylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dibenzo(a,h)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 16 PAH	S-PAHGMS01	0.160	mg/kg s.m.	<0.160	---	0.170	---	<0.160	---
<b>PCB</b>									
PCB 28	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 52	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 101	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 118	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 138	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 153	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 180	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
Suma 7 PCB	S-PCBECD01	0.021	mg/kg s.m.	<0.021	---	<0.021	---	<0.021	---
<b>Pestycydy chloroorganiczne</b>									
Hexachloroethane	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2.3.5- & 1.2.4.5-Tetrachlorobenzen	S-OCPECD01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.3.4-Tetrachlorobenzen	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Pentachlorobenzene	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Alpha	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorobenzene (HCB)	S-OCPECD01	0.0050	mg/kg s.m.	<0.0050	---	<0.0050	---	<0.0050	---
Hexachlorocyclohexane Beta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Gamma	S-OCPECD01	0.0100	mg/kg s.m.	<0.0100	---	<0.0100	---	<0.0100	---
Hexachlorocyclohexane Delta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachlor	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Aldryna	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Telodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Isodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---

Data wystawienia : 2.6.2015  
 Strona : 4 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

				G-1		G-2		G-3	
				PR1532356001		PR1532356002		PR1532356003	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Pestycydy chloroorganiczne - Kontynuacja</b>									
Heptachloroepoxide-cis	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-trans	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2,4-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
alpha-Endosulfan	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4,4'-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dieldrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2,4-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Endrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4,4'-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2,4-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4,4'-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 3 tetrachlorobenzenów	S-OCPECD01	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
<b>Chlorofenole</b>									
2-Chloropfnol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
4-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,6-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4@2,5-Dichlorofenol	S-CLPGMS01	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
3,5-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3,4-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4,6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3,4,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,5,6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4,5-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4,6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Pentachlorophenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
<b>Węglowodory ropopochodne</b>									
frakcja alifatyczna C5-C8	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
frakcja alifatyczna C8-C10	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
Frakcja C10 - C12	S-TPHFID01	2.0	mg/kg s.m.	<2.0	---	<2.0	---	<2.0	---
Frakcje C12 - C16	S-TPHFID01	3.0	mg/kg s.m.	<3.0	---	<3.0	---	<3.0	---
Frakcje C16 - C35	S-TPHFID01	10	mg/kg s.m.	<10	---	22	±30.0 %	<10	---

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				G-4		G-5		G-6	
				PR1532356004		PR1532356005		PR1532356006	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Parametry fizyczne</b>									
Sucha masa w 105°C	S-DRY-GRCI	0.10	%	90.8	±6.0 %	95.4	±6.0 %	91.2	±6.0 %
<b>Metale ekstrahowalne/ Główne kationy</b>									
Arsen	S-METAXHB1	0.50	mg/kg s.m.	1.10	±20.0 %	1.40	±20.0 %	1.60	±20.0 %
Bar	S-METAXHB1	0.20	mg/kg s.m.	183	±20.0 %	20.8	±20.0 %	31.2	±20.0 %
Chrom	S-METAXHB1	0.50	mg/kg s.m.	48.0	±20.0 %	6.58	±20.0 %	8.45	±20.0 %
Cyna (Sn)	S-METAXHB1	1.0	mg/kg s.m.	2.5	±20.0 %	<1.0	---	<1.0	---
Cynk (Zn)	S-METAXHB1	3.0	mg/kg s.m.	143	±20.0 %	29.7	±20.0 %	28.7	±20.0 %
Kadm	S-METAXHB1	0.40	mg/kg s.m.	3.40	±20.0 %	<0.40	---	<0.40	---

Data wystawienia : 2.6.2015  
 Strona : 5 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-4		G-5		G-6	
				PR1532356004		PR1532356005		PR1532356006	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Metale ekstrahowalne/ Główne kationy - Kontynuacja</b>									
Kobalt	S-METAXHB1	0.20	mg/kg s.m.	3.41	±20.0 %	2.18	±20.0 %	3.08	±20.0 %
Miedź	S-METAXHB1	1.0	mg/kg s.m.	26.0	±20.0 %	6.7	±20.0 %	8.9	±20.0 %
Molibden (Mo)	S-METAXHB1	0.40	mg/kg s.m.	1.47	±20.0 %	<0.40	----	<0.40	----
Nikiel (Ni)	S-METAXHB1	1.0	mg/kg s.m.	27.2	±20.0 %	5.7	±20.0 %	9.9	±20.0 %
Ołów (Pb)	S-METAXHB1	1.0	mg/kg s.m.	779	±20.0 %	8.9	±20.0 %	7.4	±20.0 %
Rtęć (Hg)	S-METAXHB1	0.20	mg/kg s.m.	<0.20	----	<0.20	----	<0.20	----
Wanad	S-METAXHB1	0.10	mg/kg s.m.	6.22	±20.0 %	5.34	±20.0 %	8.72	±20.0 %
<b>BTEX</b>									
Benzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
Toluen	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
Etylobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
meta- & para-ksylen	S-VOCGMS02	0.020	mg/kg s.m.	0.027	±40.0 %	<0.020	----	<0.020	----
orto-ksylen	S-VOCGMS02	0.010	mg/kg s.m.	0.011	±40.0 %	<0.010	----	<0.010	----
Suma ksylenów	S-VOCGMS02	0.030	mg/kg s.m.	0.038	----	<0.030	----	<0.030	----
Suma BTEX	S-VOCGMS02	0.170	mg/kg s.m.	<0.170	----	<0.170	----	<0.170	----
<b>Halogenowane lotne związki organiczne</b>									
Chlorek winylu	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
trans-1.2-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Dichloromethane	S-VOCGMS02	0.80	mg/kg s.m.	<0.80	----	<0.80	----	<0.80	----
cis-1.2-Dichloroeten	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.1-Dichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Chloroform	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	<0.030	----
1.2-Dichloroetan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
1.1.1-Trichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Tetrachloromethane	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Trichloroethene	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
1.2-Dichloropropan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
1.1.2-Trichloroetan	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	----	<0.040	----	<0.040	----
Tetrachloroethene	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
Chlorobenzen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
1.2-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.4-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.3-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.2.4-Trichlorobenzen	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	<0.030	----
1.2.3-Trichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.3.5-Trichlorobenzen	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	----	<0.050	----	<0.050	----
Suma 3 dichlorobenzenów	S-VOCGMS02	0.060	mg/kg s.m.	<0.060	----	<0.060	----	<0.060	----
Suma 3 Trichlorobenzenów	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
<b>Niehalogenowane lotne związki organiczne</b>									
Styren	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	----	<0.040	----	<0.040	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	----	<0.050	----	<0.050	----
<b>Wielopierścieniowe węglowodory aromatyczne (PAH)</b>									
Naftalen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Acenaftylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
acenaften	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	0.014	±30.0 %	<0.010	----
Fluoren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Fenantren	S-PAHGMS01	0.010	mg/kg s.m.	0.013	±30.0 %	0.045	±30.0 %	0.014	±30.0 %
Antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.025	±30.0 %	0.084	±30.0 %	0.019	±30.0 %
Piren	S-PAHGMS01	0.010	mg/kg s.m.	0.020	±30.0 %	0.072	±30.0 %	0.015	±30.0 %
Benzo(a)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	0.029	±30.0 %	<0.010	----
Chryzen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	0.028	±30.0 %	<0.010	----



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-4		G-5		G-6	
				PR1532356004		PR1532356005		PR1532356006	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Wielopierścieniowe węglowodory aromatyczne (PAH) - Kontynuacja</b>									
Benzo(b)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.039	±30.0 %	0.054	±30.0 %	0.027	±30.0 %
Benzo(k)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.014	±30.0 %	0.021	±30.0 %	0.011	±30.0 %
Benzo(a)piren	S-PAHGMS01	0.010	mg/kg s.m.	0.015	±30.0 %	0.039	±30.0 %	0.011	±30.0 %
Indeno(1.2.3.cd)piren	S-PAHGMS01	0.010	mg/kg s.m.	0.011	±30.0 %	0.020	±30.0 %	<0.010	---
Benzo(g,h,i)perylen	S-PAHGMS01	0.010	mg/kg s.m.	0.017	±30.0 %	0.025	±30.0 %	0.014	±30.0 %
Dibenzo(a,h)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 16 PAH	S-PAHGMS01	0.160	mg/kg s.m.	<0.160	---	0.431	---	<0.160	---
<b>PCB</b>									
PCB 28	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 52	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 101	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 118	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 138	S-PCBECD01	0.0030	mg/kg s.m.	0.0083	±40.0 %	<0.0030	---	<0.0030	---
PCB 153	S-PCBECD01	0.0030	mg/kg s.m.	0.0112	±40.0 %	<0.0030	---	<0.0030	---
PCB 180	S-PCBECD01	0.0030	mg/kg s.m.	0.0175	±40.0 %	<0.0030	---	<0.0030	---
Suma 7 PCB	S-PCBECD01	0.021	mg/kg s.m.	0.037	---	<0.021	---	<0.021	---
<b>Pestycydy chloroorganiczne</b>									
Hexachloroethane	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2.3.5- & 1.2.4.5-Tetrachlorobenzen	S-OCPECD01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.3.4-Tetrachlorobenzen	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Pentachlorobenzene	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Alpha	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorobenzene (HCB)	S-OCPECD01	0.0050	mg/kg s.m.	<0.0050	---	<0.0050	---	<0.0050	---
Hexachlorocyclohexane Beta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Gamma	S-OCPECD01	0.0100	mg/kg s.m.	<0.0100	---	<0.0100	---	<0.0100	---
Hexachlorocyclohexane Delta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachlor	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Aldryna	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Telodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Isodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-cis	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-trans	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
alpha-Endosulfan	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dieldrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDD	S-OCPECD01	0.010	mg/kg s.m.	0.022	±40.0 %	<0.010	---	<0.010	---
Endrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDD	S-OCPECD01	0.010	mg/kg s.m.	0.059	±40.0 %	<0.010	---	<0.010	---
2.4-DDT	S-OCPECD01	0.010	mg/kg s.m.	0.019	±40.0 %	<0.010	---	<0.010	---
4.4'-DDT	S-OCPECD01	0.010	mg/kg s.m.	0.051	±40.0 %	<0.010	---	<0.010	---
Suma 3 tetrachlorobenzenów	S-OCPECD01	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
<b>Chlorofenole</b>									
2-Chloropropiol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
4-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.6-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.4@2.5-Dichlorofenol	S-CLPGMS01	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
3.5-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3.4-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---



Data wystawienia : 2.6.2015  
 Strona : 7 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-4		G-5		G-6	
				PR1532356004		PR1532356005		PR1532356006	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
				Wynik	NP	Wynik	NP	Wynik	NP
<b>Chlorofenole - Kontynuacja</b>									
2.4.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.5.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4.5-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Pentachlorophenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
<b>Węglowodory ropopochodne</b>									
frakcja alifatyczna C5-C8	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
frakcja alifatyczna C8-C10	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
Frakcja C10 - C12	S-TPHFID01	2.0	mg/kg s.m.	<2.0	---	<2.0	---	<2.0	---
Frakcje C12 - C16	S-TPHFID01	3.0	mg/kg s.m.	<3.0	---	<3.0	---	37.5	±30.0 %
Frakcje C16 - C35	S-TPHFID01	10	mg/kg s.m.	109	±30.0 %	29	±30.0 %	3630	±30.0 %

Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-7		G-8		G-9/1	
				PR1532356007		PR1532356008		PR1532356009	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
				Wynik	NP	Wynik	NP	Wynik	NP
<b>Parametry fizyczne</b>									
Sucha masa w 105°C	S-DRY-GRCI	0.10	%	86.4	±6.0 %	87.5	±6.0 %	87.5	±6.0 %
<b>Niemetalowe parametry nieorganiczne</b>									
Cyjanki ogólne	S-CNT-PHO	0.10	mg/kg s.m.	0.33	±36.2 %	---	---	---	---
Cyjanki wolne	S-CNF-PHO	0.10	mg/kg s.m.	<0.10	---	---	---	---	---
Cyjanki wolne	S-CNF-PHO	0.10	mg/kg s.m.	<0.10	---	---	---	---	---
<b>Metale ekstrahowalne/ Główne kationy</b>									
Arsen	S-METAXHB1	0.50	mg/kg s.m.	2.22	±20.0 %	1.28	±20.0 %	1.65	±20.0 %
Bar	S-METAXHB1	0.20	mg/kg s.m.	23.2	±20.0 %	15.6	±20.0 %	18.3	±20.0 %
Chrom	S-METAXHB1	0.50	mg/kg s.m.	9.48	±20.0 %	5.68	±20.0 %	5.62	±20.0 %
Cyna (Sn)	S-METAXHB1	1.0	mg/kg s.m.	<1.0	---	<1.0	---	<1.0	---
Cynk (Zn)	S-METAXHB1	3.0	mg/kg s.m.	30.0	±20.0 %	16.2	±20.0 %	17.4	±20.0 %
Kadm	S-METAXHB1	0.40	mg/kg s.m.	<0.40	---	<0.40	---	<0.40	---
Kobalt	S-METAXHB1	0.20	mg/kg s.m.	3.88	±20.0 %	1.68	±20.0 %	2.80	±20.0 %
Miedź	S-METAXHB1	1.0	mg/kg s.m.	7.9	±20.0 %	3.0	±20.0 %	6.3	±20.0 %
Molibden (Mo)	S-METAXHB1	0.40	mg/kg s.m.	<0.40	---	<0.40	---	<0.40	---
Nikiel (Ni)	S-METAXHB1	1.0	mg/kg s.m.	12.7	±20.0 %	3.1	±20.0 %	7.6	±20.0 %
Ołów (Pb)	S-METAXHB1	1.0	mg/kg s.m.	7.9	±20.0 %	10.2	±20.0 %	8.8	±20.0 %
Rtęć (Hg)	S-METAXHB1	0.20	mg/kg s.m.	<0.20	---	<0.20	---	<0.20	---
Wanad	S-METAXHB1	0.10	mg/kg s.m.	9.58	±20.0 %	7.04	±20.0 %	6.81	±20.0 %
<b>BTEX</b>									
Benzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Toluen	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
Etylobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
meta- & para-ksylen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
orto-ksylen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma ksylenów	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
Suma BTEX	S-VOCGMS02	0.170	mg/kg s.m.	<0.170	---	<0.170	---	<0.170	---
<b>Halogenowane lotne związki organiczne</b>									
Chlorek winylu	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-7		G-8		G-9/1	
				PR1532356007		PR1532356008		PR1532356009	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Halogenowane lotne związki organiczne - Kontynuacja</b>									
trans-1.2-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dichloromethane	S-VOCGMS02	0.80	mg/kg s.m.	<0.80	---	<0.80	---	<0.80	---
cis-1.2-Dichloroeten	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.1-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Chloroform	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
1.2-Dichloroetan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
1.1.1-Trichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Tetrachloromethane	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Trichloroethene	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2-Dichloropropan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
1.1.2-Trichloroetan	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
Tetrachloroethene	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Chlorobenzen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.4-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.3-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.4-Trichlorobenzen	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
1.2.3-Trichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.3.5-Trichlorobenzen	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	---	<0.050	---	<0.050	---
Suma 3 dichlorobenzenów	S-VOCGMS02	0.060	mg/kg s.m.	<0.060	---	<0.060	---	<0.060	---
Suma 3 Trichlorobenzenów	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
<b>Niehalogenowane lotne związki organiczne</b>									
Styren	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	---	<0.050	---	<0.050	---
<b>Wielopierścieniowe węglowodory aromatyczne (PAH)</b>									
Naftalen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Acenafylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
acenaften	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fluoren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fenantren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.028	±30.0 %	0.020	±30.0 %
Antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	0.013	±30.0 %
Fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.023	±30.0 %	0.050	±30.0 %	0.126	±30.0 %
Piren	S-PAHGMS01	0.010	mg/kg s.m.	0.023	±30.0 %	0.042	±30.0 %	0.114	±30.0 %
Benzo(a)antracen	S-PAHGMS01	0.010	mg/kg s.m.	0.010	±30.0 %	0.017	±30.0 %	0.064	±30.0 %
Chryzen	S-PAHGMS01	0.010	mg/kg s.m.	0.011	±30.0 %	0.018	±30.0 %	0.058	±30.0 %
Benzo(b)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.021	±30.0 %	0.029	±30.0 %	0.102	±30.0 %
Benzo(k)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.010	±30.0 %	0.039	±30.0 %
Benzo(a)piren	S-PAHGMS01	0.010	mg/kg s.m.	0.012	±30.0 %	0.020	±30.0 %	0.086	±30.0 %
Indeno(1.2.3.cd)piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	0.010	±30.0 %	0.043	±30.0 %
Benzo(g,h,i)perylene	S-PAHGMS01	0.010	mg/kg s.m.	0.011	±30.0 %	0.012	±30.0 %	0.046	±30.0 %
Dibenzo(a,h)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 16 PAH	S-PAHGMS01	0.160	mg/kg s.m.	<0.160	---	0.236	---	0.711	---
<b>PCB</b>									
PCB 28	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 52	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 101	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 118	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 138	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 153	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 180	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
Suma 7 PCB	S-PCBECD01	0.021	mg/kg s.m.	<0.021	---	<0.021	---	<0.021	---
<b>Pestycydy chloroorganiczne</b>									





Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-7		G-8		G-9/1	
				PR1532356007		PR1532356008		PR1532356009	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
				Wynik	NP	Wynik	NP	Wynik	NP
<b>Pestycydy chloroorganiczne - Kontynuacja</b>									
Hexachloroethane	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2.3.5- &	S-OCPECD01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.4.5-Tetrachlorobenzen									
1.2.3.4-Tetrachlorobenzen	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Pentachlorobenzene	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Alpha	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane (HCB)	S-OCPECD01	0.0050	mg/kg s.m.	<0.0050	---	<0.0050	---	<0.0050	---
Hexachlorocyclohexane Beta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Gamma	S-OCPECD01	0.0100	mg/kg s.m.	<0.0100	---	<0.0100	---	<0.0100	---
Hexachlorocyclohexane Delta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachlor	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Aldryna	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Telodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Isodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-cis	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-trans	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
alpha-Endosulfan	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Dieldrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Endrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 3 tetrachlorobenzenów	S-OCPECD01	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
<b>Chlorofenole</b>									
2-Chloropfnol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
4-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.6-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.4@2.5-Dichlorofenol	S-CLPGMS01	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
3.5-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3.4-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.4.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.5.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4.5-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2.3.4.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Pentachlorophenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
<b>Węglowodory ropopochodne</b>									
frakcja alifatyczna C5-C8	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
frakcja alifatyczna C8-C10	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
Frakcja C10 - C12	S-TPHFID01	2.0	mg/kg s.m.	<2.0	---	<2.0	---	<2.0	---
Frakcje C12 - C16	S-TPHFID01	3.0	mg/kg s.m.	<3.0	---	<3.0	---	<3.0	---
Frakcje C16 - C35	S-TPHFID01	10	mg/kg s.m.	42	±30.0 %	<10	---	16	±30.0 %

Data wystawienia : 2.6.2015  
 Strona : 10 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-9/2		G-10		G-11	
				PR1532356010		PR1532356011		PR1532356012	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Parametry fizyczne</b>									
Sucha masa w 105°C	S-DRY-GRCI	0.10	%	93.3	±6.0 %	90.9	±6.0 %	90.2	±6.0 %
<b>Parametry złożone</b>									
Azbest	S-ASB-OMI	-	-	----	----	nie	----	----	----
Actinolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Amosite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Anthophyllite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Chrysotile	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Crocidolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Tremolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
<b>Metale ekstrahowalne/ Główne kationy</b>									
Arsen	S-METAXHB1	0.50	mg/kg s.m.	0.99	±20.0 %	0.74	±20.0 %	2.17	±20.0 %
Bar	S-METAXHB1	0.20	mg/kg s.m.	11.6	±20.0 %	8.80	±20.0 %	25.9	±20.0 %
Chrom	S-METAXHB1	0.50	mg/kg s.m.	4.01	±20.0 %	2.75	±20.0 %	5.84	±20.0 %
Cyna (Sn)	S-METAXHB1	1.0	mg/kg s.m.	<1.0	----	<1.0	----	<1.0	----
Cynk (Zn)	S-METAXHB1	3.0	mg/kg s.m.	11.0	±20.0 %	12.2	±20.0 %	15.4	±20.0 %
Kadm	S-METAXHB1	0.40	mg/kg s.m.	<0.40	----	<0.40	----	<0.40	----
Kobalt	S-METAXHB1	0.20	mg/kg s.m.	2.14	±20.0 %	1.10	±20.0 %	2.58	±20.0 %
Miedź	S-METAXHB1	1.0	mg/kg s.m.	3.7	±20.0 %	1.6	±20.0 %	3.8	±20.0 %
Molibden (Mo)	S-METAXHB1	0.40	mg/kg s.m.	<0.40	----	<0.40	----	<0.40	----
Nikiel (Ni)	S-METAXHB1	1.0	mg/kg s.m.	6.3	±20.0 %	3.0	±20.0 %	7.2	±20.0 %
Ołów (Pb)	S-METAXHB1	1.0	mg/kg s.m.	4.3	±20.0 %	4.7	±20.0 %	4.6	±20.0 %
Rtęć (Hg)	S-METAXHB1	0.20	mg/kg s.m.	<0.20	----	<0.20	----	<0.20	----
Wanad	S-METAXHB1	0.10	mg/kg s.m.	4.68	±20.0 %	3.37	±20.0 %	6.44	±20.0 %
<b>BTEX</b>									
Benzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
Toluen	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
Etylobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
meta- & para-ksylen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
orto-ksylen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Suma ksylenów	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	<0.030	----
Suma BTEX	S-VOCGMS02	0.170	mg/kg s.m.	<0.170	----	<0.170	----	<0.170	----
<b>Halogenowane lotne związki organiczne</b>									
Chlorek winylu	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
trans-1.2-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Dichloromethane	S-VOCGMS02	0.80	mg/kg s.m.	<0.80	----	<0.80	----	<0.80	----
cis-1.2-Dichloroeten	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.1-Dichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Chloroform	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	<0.030	----
1.2-Dichloroetan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
1.1.1-Trichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Tetrachloromethane	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
Trichloroethene	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
1.2-Dichloropropan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	<0.10	----
1.1.2-Trichloroetan	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	----	<0.040	----	<0.040	----
Tetrachloroethene	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
Chlorobenzen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	<0.010	----
1.2-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.4-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.3-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.2.4-Trichlorobenzen	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	<0.030	----
1.2.3-Trichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	<0.020	----
1.3.5-Trichlorobenzen	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	----	<0.050	----	<0.050	----



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkobiorcę

				G-9/2		G-10		G-11	
				PR1532356010		PR1532356011		PR1532356012	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	Wynik	NP
<b>Halogenowane lotne związki organiczne - Kontynuacja</b>									
Suma 3 dichlorobenzenów	S-VOCGMS02	0.060	mg/kg s.m.	<0.060	---	<0.060	---	<0.060	---
Suma 3 Trichlorobenzenów	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	---	<0.10	---	<0.10	---
<b>Niehalogenowane lotne związki organiczne</b>									
Styren	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	---	<0.050	---	<0.050	---
<b>Wielopierścieniowe węglowodory aromatyczne (PAH)</b>									
Naftalen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Acenaftylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
acenaften	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fluoren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fenantren	S-PAHGMS01	0.010	mg/kg s.m.	0.014	±30.0 %	<0.010	---	<0.010	---
Antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.084	±30.0 %	<0.010	---	0.010	±30.0 %
Piren	S-PAHGMS01	0.010	mg/kg s.m.	0.075	±30.0 %	<0.010	---	<0.010	---
Benzo(a)antracen	S-PAHGMS01	0.010	mg/kg s.m.	0.042	±30.0 %	<0.010	---	<0.010	---
Chryzen	S-PAHGMS01	0.010	mg/kg s.m.	0.042	±30.0 %	<0.010	---	<0.010	---
Benzo(b)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.082	±30.0 %	<0.010	---	<0.010	---
Benzo(k)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	0.031	±30.0 %	<0.010	---	<0.010	---
Benzo(a)piren	S-PAHGMS01	0.010	mg/kg s.m.	0.067	±30.0 %	<0.010	---	<0.010	---
Indeno(1.2.3.cd)piren	S-PAHGMS01	0.010	mg/kg s.m.	0.032	±30.0 %	<0.010	---	<0.010	---
Benzo(g,h,i)perylene	S-PAHGMS01	0.010	mg/kg s.m.	0.044	±30.0 %	<0.010	---	<0.010	---
Dibenzo(a,h)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 16 PAH	S-PAHGMS01	0.160	mg/kg s.m.	0.513	---	<0.160	---	<0.160	---
<b>PCB</b>									
PCB 28	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 52	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 101	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 118	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 138	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 153	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
PCB 180	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	<0.0030	---
Suma 7 PCB	S-PCBECD01	0.021	mg/kg s.m.	<0.021	---	<0.021	---	<0.021	---
<b>Pestycydy chloroorganiczne</b>									
Hexachloroethane	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
1.2.3.5- &	S-OCPECD01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
1.2.4.5-Tetrachlorobenzen									
1.2.3.4-Tetrachlorobenzen	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Pentachlorobenzene	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Alpha	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorobenzene (HCB)	S-OCPECD01	0.0050	mg/kg s.m.	<0.0050	---	<0.0050	---	<0.0050	---
Hexachlorocyclohexane Beta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Hexachlorocyclohexane Gamma	S-OCPECD01	0.0100	mg/kg s.m.	<0.0100	---	<0.0100	---	<0.0100	---
Hexachlorocyclohexane Delta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachlor	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Aldryna	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Telodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Isodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-cis	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Heptachloroepoxide-trans	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2.4-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
alpha-Endosulfan	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4.4'-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-9/2		G-10		G-11	
				PR1532356010		PR1532356011		PR1532356012	
				22.5.2015 00:00		22.5.2015 00:00		22.5.2015 00:00	
Wynik	NP	Wynik	NP	Wynik	NP	Wynik	NP	Wynik	NP
<b>Pestycydy chloroorganiczne - Kontynuacja</b>									
Dieldrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2,4-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Endrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4,4'-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
2,4-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
4,4'-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	<0.010	---
Suma 3 tetrachlorobenzenów	S-OCPECD01	0.030	mg/kg s.m.	<0.030	---	<0.030	---	<0.030	---
<b>Chlorofenole</b>									
2-Chloropfenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
4-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,6-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4@2,5-Dichlorofenol	S-CLPGMS01	0.040	mg/kg s.m.	<0.040	---	<0.040	---	<0.040	---
3,5-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3,4-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4,6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,4,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
3,4,5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,5,6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4,5-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
2,3,4,6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
Pentachlorophenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	<0.020	---
<b>Węglowodory ropopochodne</b>									
frakcja alifatyczna C5-C8	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
frakcja alifatyczna C8-C10	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	<10	---
Frakcja C10 - C12	S-TPHFID01	2.0	mg/kg s.m.	<2.0	---	<2.0	---	<2.0	---
Frakcja C12 - C16	S-TPHFID01	3.0	mg/kg s.m.	<3.0	---	<3.0	---	<3.0	---
Frakcje C16 - C35	S-TPHFID01	10	mg/kg s.m.	10	±30.0 %	<10	---	11	±30.0 %

Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-12		G-13		----	
				PR1532356013		PR1532356014		----	
				22.5.2015 00:00		22.5.2015 00:00		----	
Wynik	NP	Wynik	NP	Wynik	NP	Wynik	NP	Wynik	NP
<b>Parametry fizyczne</b>									
Sucha masa w 105°C	S-DRY-GRCI	0.10	%	91.7	±6.0 %	91.0	±6.0 %	----	----
<b>Parametry złożone</b>									
Azbest	S-ASB-OMI	-	-	----	----	nie	----	----	----
Actinolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Amosite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Anthophyllite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Chrysotile	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Crocidolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
Tremolite	S-ASB-OMI	-	-	----	----	nie wykryto	----	----	----
<b>Metale ekstrahowalne/ Główne kationy</b>									
Arsen	S-METAXHB1	0.50	mg/kg s.m.	0.93	±20.0 %	0.78	±20.0 %	----	----
Bar	S-METAXHB1	0.20	mg/kg s.m.	9.53	±20.0 %	11.4	±20.0 %	----	----
Chrom	S-METAXHB1	0.50	mg/kg s.m.	3.00	±20.0 %	5.21	±20.0 %	----	----

Data wystawienia : 2.6.2015  
 Strona : 13 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

				G-12		G-13		----	
				PR1532356013		PR1532356014		----	
				22.5.2015 00:00		22.5.2015 00:00		----	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	----	----
<b>Metale ekstrahowalne/ Główne kationy - Kontynuacja</b>									
Cyna (Sn)	S-METAXHB1	1.0	mg/kg s.m.	<1.0	----	<1.0	----	----	----
Cynk (Zn)	S-METAXHB1	3.0	mg/kg s.m.	8.2	±20.0 %	13.1	±20.0 %	----	----
Kadm	S-METAXHB1	0.40	mg/kg s.m.	<0.40	----	<0.40	----	----	----
Kobalt	S-METAXHB1	0.20	mg/kg s.m.	1.42	±20.0 %	1.58	±20.0 %	----	----
Miedź	S-METAXHB1	1.0	mg/kg s.m.	2.0	±20.0 %	3.8	±20.0 %	----	----
Molibden (Mo)	S-METAXHB1	0.40	mg/kg s.m.	<0.40	----	<0.40	----	----	----
Nikiel (Ni)	S-METAXHB1	1.0	mg/kg s.m.	3.7	±20.0 %	4.8	±20.0 %	----	----
Ołów (Pb)	S-METAXHB1	1.0	mg/kg s.m.	2.7	±20.0 %	4.7	±20.0 %	----	----
Rtęć (Hg)	S-METAXHB1	0.20	mg/kg s.m.	<0.20	----	<0.20	----	----	----
Wanad	S-METAXHB1	0.10	mg/kg s.m.	3.44	±20.0 %	5.83	±20.0 %	----	----
<b>BTEX</b>									
Benzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
Toluen	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	----	----
Etylobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
meta- & para-ksylen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
orto-ksylen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Suma ksylenów	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	----	----
Suma BTEX	S-VOCGMS02	0.170	mg/kg s.m.	<0.170	----	<0.170	----	----	----
<b>Halogenowane lotne związki organiczne</b>									
Chlorek winylu	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	----	----
trans-1.2-Dichloroeten	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Dichloromethane	S-VOCGMS02	0.80	mg/kg s.m.	<0.80	----	<0.80	----	----	----
cis-1.2-Dichloroeten	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
1.1-Dichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Chloroform	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	----	----
1.2-Dichloroetan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	----	----
1.1.1-Trichloroetan	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Tetrachloromethane	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Trichloroethene	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
1.2-Dichloropropan	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	----	----
1.1.2-Trichloroetan	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	----	<0.040	----	----	----
Tetrachloroethene	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
Chlorobenzen	S-VOCGMS02	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
1.2-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
1.4-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
1.3-Dichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
1.2.4-Trichlorobenzen	S-VOCGMS02	0.030	mg/kg s.m.	<0.030	----	<0.030	----	----	----
1.2.3-Trichlorobenzen	S-VOCGMS02	0.020	mg/kg s.m.	<0.020	----	<0.020	----	----	----
1.3.5-Trichlorobenzen	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	----	<0.050	----	----	----
Suma 3 dichlorobenzenów	S-VOCGMS02	0.060	mg/kg s.m.	<0.060	----	<0.060	----	----	----
Suma 3 Trichlorobenzenów	S-VOCGMS02	0.10	mg/kg s.m.	<0.10	----	<0.10	----	----	----
<b>Niehalogenowane lotne związki organiczne</b>									
Styren	S-VOCGMS02	0.040	mg/kg s.m.	<0.040	----	<0.040	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS02	0.050	mg/kg s.m.	<0.050	----	<0.050	----	----	----
<b>Wielopierścieniowe węglowodory aromatyczne (PAH)</b>									
Naftalen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Acenafitylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
acenaften	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Fluoren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Fenantren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----
Fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	----	<0.010	----	----	----



Data wystawienia : 2.6.2015  
 Strona : 14 z 16  
 Zlecenie : PR1532356  
 Klient : proGEO Sp. z o.o.



Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

				G-12		G-13		----	
				PR1532356013		PR1532356014		----	
				22.5.2015 00:00		22.5.2015 00:00		----	
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	----	----
<b>Wielopierścieniowe węglowodory aromatyczne (PAH) - Kontynuacja</b>									
Piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Benzo(a)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Chryzen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Benzo(b)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Benzo(k)fluoranten	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Benzo(a)piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Indeno(1.2.3.cd)piren	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Benzo(g,h,i)perylen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Dibenzo(a,h)antracen	S-PAHGMS01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Suma 16 PAH	S-PAHGMS01	0.160	mg/kg s.m.	<0.160	---	<0.160	---	----	----
<b>PCB</b>									
PCB 28	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 52	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 101	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 118	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 138	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 153	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
PCB 180	S-PCBECD01	0.0030	mg/kg s.m.	<0.0030	---	<0.0030	---	----	----
Suma 7 PCB	S-PCBECD01	0.021	mg/kg s.m.	<0.021	---	<0.021	---	----	----
<b>Pestycydy chloroorganiczne</b>									
Hexachloroethane	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
1.2.3.5- & 1.2.4.5-Tetrachlorobenzen	S-OCPECD01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
1.2.3.4-Tetrachlorobenzen	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Pentachlorobenzene	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Hexachlorocyclohexane Alpha	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Hexachlorobenzene (HCB)	S-OCPECD01	0.0050	mg/kg s.m.	<0.0050	---	<0.0050	---	----	----
Hexachlorocyclohexane Beta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Hexachlorocyclohexane Gamma	S-OCPECD01	0.0100	mg/kg s.m.	<0.0100	---	<0.0100	---	----	----
Hexachlorocyclohexane Delta	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Heptachlor	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Aldryna	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Telodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Isodrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Heptachloroepoxide-cis	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Heptachloroepoxide-trans	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
2.4-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
alpha-Endosulfan	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
4.4'-DDE	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Dieldrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
2.4-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Endrin	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
4.4'-DDD	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
2.4-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
4.4'-DDT	S-OCPECD01	0.010	mg/kg s.m.	<0.010	---	<0.010	---	----	----
Suma 3 tetrachlorobenzenów	S-OCPECD01	0.030	mg/kg s.m.	<0.030	---	<0.030	---	----	----
<b>Chlorofenole</b>									
2-Chloropfnol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
3-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
4-Chlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.6-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.4@2.5-Dichlorofenol	S-CLPGMS01	0.040	mg/kg s.m.	<0.040	---	<0.040	---	----	----





Matryca badana: GRUNT

Numer próbki klienta

Identyfikator próbki

Data / godzina pobrania próbki przez Próbkiobiercę

Parametr	Metoda	LOR	Jednostka	G-12		G-13		----	
				PR1532356013	PR1532356014	PR1532356013	PR1532356014	----	----
				22.5.2015 00:00	22.5.2015 00:00	22.5.2015 00:00	22.5.2015 00:00	----	----
Parametr	Metoda	LOR	Jednostka	Wynik	NP	Wynik	NP	----	----
<b>Chlorofenole - Kontynuacja</b>									
3.5-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
3.4-Dichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.4.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.6-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.4-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
3.4.5-Trichlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.5.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.4.5-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
2.3.4.6-Tetrachlorofenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
Pentachlorophenol	S-CLPGMS01	0.020	mg/kg s.m.	<0.020	---	<0.020	---	----	----
<b>Węglowodory ropopochodne</b>									
frakcja alifatyczna C5-C8	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	----	----
frakcja alifatyczna C8-C10	S-VOCGMS02	10	mg/kg s.m.	<10	---	<10	---	----	----
Frakcja C10 - C12	S-TPHFID01	2.0	mg/kg s.m.	<2.0	---	<2.0	---	----	----
Frakcje C12 - C16	S-TPHFID01	3.0	mg/kg s.m.	<3.0	---	<3.0	---	----	----
Frakcje C16 - C35	S-TPHFID01	10	mg/kg s.m.	<10	---	<10	---	----	----

Gdy data jest przedstawiona w nawiasie, oznacza to że została ona oszacowana przez laboratorium dla celów analitycznych. Jeśli czas przygotowania próbki jest wyświetlony jako 0:00 - to informacja ta nie została przekazana przez klienta. Niepewność pomiarowa jest wyrażona jako rozszerzona niepewność pomiarowa powiększona o współczynnik  $k = 2$ , reprezentującego 95% poziomu ufności.

Klucz: LOR = Limit raportowania; NP = niepewność pomiarowa

## Koniec wyników analiz

## Podsumowanie zastosowanych metod

Metody analityczne	Opis metody
Miejsce wykonania analizy: Bendlova 1687/7, Česká Lipa, 470 01, Czechy	
S-CNF-PHO	CZ_SOP_D06_07_013 (CSN ISO 6703-2) Badanie cyjanków wolnych w matrycach próbek stałych metodą spektrofotometryczną.
S-CNT-PHO	CZ_SOP_D06_07_012 (TNV 75 7415) Badanie ogólnych cyjanków w matrycach próbek stałych metodą spektrofotometryczną.
Miejsce wykonania analizy: Na Harfe 336/9, Praha 9 - Vysočany, 190 00 Czechy	
S-ASB-OMI	Azbesty - jakościowa analiza mikroskopem optycznym. Limit wykrywania wynosi 0.1 jego wagi %.
S-CLPGMS01	CZ_SOP_D06_03_158 (EPA 8041, EPA 3500 DIN ISO 14154) Ustalenie chlorowanych fenoli metodą chromatografii gazowej
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465) Oznaczanie suchej masy; CZ_SOP_D06_07_046 (CSN ISO 11465) Oznaczanie suchej masy i wilgotności w próbkach stałych.
S-METAXHB1	CZ_SOP_D06_02_001 (EPA 200.7, ISO 11885) Badanie pierwiastków metodą ICP-OES.
S-OCPECD01	CZ_SOP_D06_03_169 (CSN EN ISO 6468, EPA 8081, DIN 38407-2) Badanie chloroorganicznych pestycydów metodą GC
S-PAHGMS01	CZ_SOP_D06_03_161 (EPA 8270, EPA 8131, EPA 8091, CSN EN ISO 6468) Ustalenie organicznych substancji semiwolatylnych metodą chromatografii gazowej
S-PCBECD01	CZ_SOP_D06_03_166 (DIN 38407, part 2, EPA 8082) Badanie PCB - analiza kongenerów metodą GC
S-TPHFID01	CZ_SOP_D06_03_150 (EN 14039) Badanie węglowodorów ropopochodnych metodą GC
S-VOCGMS02	CZ_SOP_D06_03_155 (EPA 624, EPA 8260) Badanie lotnych związków organicznych
Metoda Przygotowania	
Opis metody	
Miejsce wykonania analizy: Na Harfe 336/9, Praha 9 - Vysočany, 190 00 Czechy	
*S-PPHOM2	Suszenie i przesiew próbki na ziarna < 2 mm
*S-PPHOM4	CZ_SOP_D06_07_P01 Suszenie i mielenie próbki na ziarna < 4 mm.

Data wystawienia : 2.6.2015  
Strona : 16 z 16  
Zlecenie : PR1532356  
Klient : proGEO Sp. z o.o.



Symbol ``\*`` poprzedzający metodę oznacza brak akredytacji. W wypadku gdy procedura należąca do metody akredytowanej została użyta do nieakredytowanej matrycy. Oznacza to, że uzyskane wyniki nie posiadają akredytacji. Proszę zapoznać się z ogólnymi uwagami na pierwszej stronie

Zasady obliczeń i sumowania parametrów dostępne są na życzenie w Dziale Obsługi Klienta