



CERTIFICATE OF ANALYSIS

Work Order	: PR2234980	Issue Date	: 29-Apr-2022
Customer	: REMEA Sp. z o.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Przemysław Wyskocki	Contact	: Client Service
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Project	: Remediacja terenów zdegradowanych i zanieczyszczonych w rejonie stawu Kalina w Świętochowicach	Page	: 1 of 9
Order number	: ----	Date Samples Received	: 15-Apr-2022
		Quote number	: PR2021REMEA-PL0001 (PL-130-21-0241)
Site	: rejon stawu Kalina w Świętochowicach	Date of test	: 15-Apr-2022 - 29-Apr-2022
Sampled by	: ALS	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample PR2234980/004, method A-VOCGMS05, A-VOCGMS06 - LOR for particular sample(s) raised due to matrix interference.

Samples PR2234980/001-004, method A-VOCGMS06 - the reported results were calculated according to the sampling time supplied by the customer. The laboratory is not responsible for the accuracy of this information.

Sampling rates of some analytes were calculated from diffusion coefficient. Please contact Customer support for further details.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

Zdeněk Jiráček

Position

Environmental Business Unit
Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



Analytical Results

Sub-Matrix: EMISSIONS

Client sample ID

Laboratory sample ID

Client sampling date / time

Próbka zachód (2)

Próbka północ (1)

próbka południe (3)

PR2234980001

PR2234980002

PR2234980003

12-Apr-2022 10:55

12-Apr-2022 10:50

12-Apr-2022 11:00

Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
BTEX									
Benzene	A-VOCGMS05	0.10	µg/sample	7.26	± 25.0%	2.14	± 25.0%	2.41	± 25.0%
Toluene	A-VOCGMS05	0.10	µg/sample	8.54	± 20.0%	2.36	± 20.0%	2.48	± 20.0%
Ethylbenzene	A-VOCGMS05	0.10	µg/sample	1.25	± 20.0%	0.40	± 20.0%	0.38	± 20.0%
meta- & para-Xylene	A-VOCGMS05	0.10	µg/sample	5.34	± 20.0%	1.53	± 20.0%	1.46	± 20.0%
ortho-Xylene	A-VOCGMS05	0.10	µg/sample	1.81	± 20.0%	0.50	± 20.0%	0.49	± 20.0%
Sum of BTEX	A-VOCGMS05	0.50	µg/sample	24.2	---	6.93	---	7.22	---
Sum of TEX	A-VOCGMS05	0.40	µg/sample	16.9	---	4.79	---	4.81	---
Sum of Xylenes	A-VOCGMS05	0.20	µg/sample	7.15	---	2.03	---	1.95	---
Benzene	A-VOCGMS06	0.120	µg/m ³	8.92	± 30.0%	2.63	± 30.0%	2.96	± 30.0%
Ethylbenzene	A-VOCGMS06	0.150	µg/m ³	1.81	± 30.0%	0.578	± 30.0%	0.549	± 30.0%
meta- & para-Xylene	A-VOCGMS06	0.140	µg/m ³	7.50	± 30.0%	2.15	± 30.0%	2.05	± 30.0%
ortho-Xylene	A-VOCGMS06	0.150	µg/m ³	2.74	± 30.0%	0.756	± 30.0%	0.741	± 30.0%
Sum of xylenes	A-VOCGMS06	0.290	µg/m ³	10.3	± 30.0%	2.93	± 30.0%	2.82	± 30.0%
Toluene	A-VOCGMS06	0.130	µg/m ³	11.3	± 30.0%	3.13	± 30.0%	3.29	± 30.0%
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1.1-Trichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1.2.2-Tetrachloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1.2-Trichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1-Dichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1-Dichloroethene	A-VOCGMS06	0.250	µg/m ³	<0.250	---	<0.250	---	<0.250	---
1.1-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.1-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2.3-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2.3-Trichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2.4-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2-Dibromo-3-Chloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2-Dibromoethane (EDB)	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2-Dichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.2-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.3.5-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.3-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.3-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
1.4-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
2.2-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
2-Chlorotoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
4-Chlorotoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Bromobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Bromochloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Bromodichloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Bromoform	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Bromomethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Chlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Chloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Chloroform	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Chloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
cis-1.2-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
cis-1.3-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Dibromochloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Dibromomethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Dichlorodifluoromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Dichloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Hexachlorobutadiene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Tetrachloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---
Tetrachloromethane	A-VOCGMS05	0.20	µg/sample	0.36	± 30.0%	0.30	± 30.0%	0.30	± 30.0%



Sub-Matrix: EMISSIONS				Client sample ID		Próbka zachód (2)		Próbka północ (1)		próbka południe (3)	
Laboratory sample ID				PR2234980001		PR2234980002		PR2234980003			
Client sampling date / time				12-Apr-2022 10:55		12-Apr-2022 10:50		12-Apr-2022 11:00			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Halogenated Volatile Organic Compounds - Continued											
trans-1,2-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
trans-1,3-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Trichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Trichlorofluoromethane	A-VOCGMS05	0.20	µg/sample	0.48	± 30.0%	0.44	± 30.0%	0.41	± 30.0%		
Vinyl Chloride	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
1,1,1-Trichloroethane	A-VOCGMS06	0.320	µg/m³	<0.320	---	<0.320	---	<0.320	---		
1,2-Dichloroethane	A-VOCGMS06	0.260	µg/m³	<0.260	---	<0.260	---	<0.260	---		
1,2-Dichloropropane	A-VOCGMS06	0.300	µg/m³	<0.300	---	<0.300	---	<0.300	---		
1,4-Dichlorobenzene	A-VOCGMS06	0.390	µg/m³	<0.390	---	<0.390	---	<0.390	---		
cis-1,2-Dichloroethene	A-VOCGMS06	0.250	µg/m³	<0.250	---	<0.250	---	<0.250	---		
trans-1,2-Dichloroethene	A-VOCGMS06	0.250	µg/m³	<0.250	---	<0.250	---	<0.250	---		
Bromochloromethane	A-VOCGMS06	0.280	µg/m³	<0.280	---	<0.280	---	<0.280	---		
Dichloromethane	A-VOCGMS06	0.220	µg/m³	<0.220	---	<0.220	---	<0.220	---		
Chlorobenzene	A-VOCGMS06	0.290	µg/m³	<0.290	---	<0.290	---	<0.290	---		
Chloroform	A-VOCGMS06	0.260	µg/m³	<0.260	---	<0.260	---	<0.260	---		
Tetrachloroethene	A-VOCGMS06	0.340	µg/m³	<0.340	---	<0.340	---	<0.340	---		
Tetrachloroethane	A-VOCGMS06	0.300	µg/m³	0.528	± 30.0%	0.440	± 30.0%	0.440	± 30.0%		
Trichloroethene	A-VOCGMS06	0.290	µg/m³	<0.290	---	<0.290	---	<0.290	---		
Non-Halogenated Volatile Organic Compounds											
1,4-Dioxane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
2-Methylhexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
4-Phenylcyclohexene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Cyclohexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Ethyl tert-Butyl Ether (ETBE)	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Isooctane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Methyl tert-Butyl Ether (MTBE)	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Methylcyclohexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Methylcyclopentane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Tetrahydrofuran	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
1,4-Dioxane	A-VOCGMS06	0.290	µg/m³	<0.290	---	<0.290	---	<0.290	---		
Cyclohexane	A-VOCGMS06	0.370	µg/m³	<0.370	---	<0.370	---	<0.370	---		
Ethyl tert-Butyl Ether (ETBE)	A-VOCGMS06	0.330	µg/m³	<0.330	---	<0.330	---	<0.330	---		
Isooctane	A-VOCGMS06	0.360	µg/m³	<0.360	---	<0.360	---	<0.360	---		
Methyl tert-Butyl Ether (MTBE)	A-VOCGMS06	0.310	µg/m³	<0.310	---	<0.310	---	<0.310	---		
Methylcyclohexane	A-VOCGMS06	0.300	µg/m³	<0.300	---	<0.300	---	<0.300	---		
Methylcyclopentane	A-VOCGMS06	0.280	µg/m³	<0.280	---	<0.280	---	<0.280	---		
Tetrahydrofuran	A-VOCGMS06	0.270	µg/m³	<0.270	---	<0.270	---	<0.270	---		
Aromatic Compounds											
1,2,3-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	1.76	± 45.0%	0.37	± 45.0%	0.38	± 45.0%		
1,2,4,5-Tetramethylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
1,2,4-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	0.72	± 45.0%	<0.20	---	<0.20	---		
1,3,5-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	0.87	± 45.0%	<0.20	---	<0.20	---		
2-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	0.31	± 45.0%	<0.20	---	<0.20	---		
3-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	0.91	± 45.0%	<0.20	---	<0.20	---		
4-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	0.43	± 45.0%	<0.20	---	<0.20	---		
Aromatics >C8-C10	A-VOCGMS05	10	µg/sample	<10	---	<10	---	<10	---		
Isopropylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Propylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
p-Isopropyltoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
sec-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Styrene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
tert-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
1,2,4-Trimethylbenzene	A-VOCGMS06	0.400	µg/m³	1.42	± 30.0%	<0.400	---	<0.400	---		
Isopropylbenzene	A-VOCGMS06	0.340	µg/m³	<0.340	---	<0.340	---	<0.340	---		
n-Propylbenzene	A-VOCGMS06	0.350	µg/m³	<0.350	---	<0.350	---	<0.350	---		
Styrene	A-VOCGMS06	0.330	µg/m³	<0.330	---	<0.330	---	<0.330	---		
Polycyclic Aromatics Hydrocarbons (PAHs)											



Sub-Matrix: EMISSIONS				Client sample ID		Próbka zachód (2)		Próbka północ (1)		próbka południe (3)	
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Client sampling date / time				12-Apr-2022 10:55		12-Apr-2022 10:50		12-Apr-2022 11:00			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued											
Naphthalene	A-VOCGMS05	2.0	µg/sample	32.6	± 45.0%	8.0	± 45.0%	6.9	± 45.0%		
Naphthalene	A-VOCGMS06	7.90	µg/m³	128	± 30.0%	31.4	± 30.0%	27.1	± 30.0%		
Aldehydes / Ketones											
2-Butanone (MEK)	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
Acetone	A-VOCGMS05	0.20	µg/sample	0.85	± 40.0%	0.73	± 40.0%	0.59	± 40.0%		
Cyclohexanone	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
Hexanal	A-VOCGMS05	1.2	µg/sample	<1.2	---	<1.2	---	<1.2	---		
Methyl iso-Butyl Ketone	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
2-Butanone (MEK)	A-VOCGMS06	0.500	µg/m³	<0.500	---	<0.500	---	<0.500	---		
Acetone	A-VOCGMS06	0.260	µg/m³	1.08	± 30.0%	0.932	± 30.0%	0.753	± 30.0%		
Cyclohexanone	A-VOCGMS06	0.580	µg/m³	<0.580	---	<0.580	---	<0.580	---		
Methyl iso-Butyl Ketone	A-VOCGMS06	0.590	µg/m³	<0.590	---	<0.590	---	<0.590	---		
Alcohols / Esters											
2-Butanol	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
2-Ethylhexanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
2-Methyl-1-Butanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
2-Propanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Ethanol	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
Ethyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
Isobutanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Isobutyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
n-Butanol	A-VOCGMS05	0.30	µg/sample	<0.30	---	<0.30	---	<0.30	---		
n-Butyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
n-Propanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
tert-Butyl Acetate	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Vinyl Acetate	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
2-Ethylhexanol	A-VOCGMS06	0.460	µg/m³	<0.460	---	<0.460	---	<0.460	---		
2-Propanol	A-VOCGMS06	0.380	µg/m³	<0.380	---	<0.380	---	<0.380	---		
Ethanol	A-VOCGMS06	1.90	µg/m³	<1.90	---	<1.90	---	<1.90	---		
Ethyl Acetate	A-VOCGMS06	0.510	µg/m³	<0.510	---	<0.510	---	<0.510	---		
Isobutanol	A-VOCGMS06	0.260	µg/m³	<0.260	---	<0.260	---	<0.260	---		
Isobutyl Acetate	A-VOCGMS06	0.630	µg/m³	<0.630	---	<0.630	---	<0.630	---		
n-Butanol	A-VOCGMS06	0.400	µg/m³	<0.400	---	<0.400	---	<0.400	---		
n-Butyl Acetate	A-VOCGMS06	0.660	µg/m³	<0.660	---	<0.660	---	<0.660	---		
2-Butanol	A-VOCGMS06	0.620	µg/m³	<0.620	---	<0.620	---	<0.620	---		
Terpenes											
3-Carene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
alpha-Pinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
alpha-Terpinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
beta-Pinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
Limonene	A-VOCGMS05	0.40	µg/sample	<0.40	---	<0.40	---	<0.40	---		
Terpenes											
alpha-Pinene	A-VOCGMS06	0.370	µg/m³	<0.370	---	<0.370	---	<0.370	---		
Limonene	A-VOCGMS06	0.920	µg/m³	<0.920	---	<0.920	---	<0.920	---		
Petroleum Hydrocarbons											
Aliphates >C10-C12	A-VOCGMS05	10	µg/sample	<10	---	<10	---	<10	---		
Aliphates >C6-C8	A-VOCGMS05	10	µg/sample	<10	---	<10	---	<10	---		
Aliphates >C8-C10	A-VOCGMS05	10	µg/sample	<10	---	<10	---	<10	---		
C10 - C11 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C11 - C12 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C12 - C13 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C6 - C7 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C7 - C8 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C8 - C9 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
C9 - C10 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	<2.0	---	<2.0	---		
n-Decane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Dodecane	A-VOCGMS05	0.20	µg/sample	0.76	± 30.0%	0.75	± 30.0%	0.63	± 30.0%		
n-Heptane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		



Sub-Matrix: EMISSIONS				Client sample ID		Próbka zachód (2)		Próbka północ (1)		próbka południe (3)	
				Laboratory sample ID		PR2234980001		PR2234980002		PR2234980003	
				Client sampling date / time		12-Apr-2022 10:55		12-Apr-2022 10:50		12-Apr-2022 11:00	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Petroleum Hydrocarbons - Continued											
n-Hexadecane	A-VOCGMS05	0.20	µg/sample	0.38	± 30.0%	0.41	± 30.0%	0.36	± 30.0%		
n-Hexane	A-VOCGMS05	0.40	µg/sample	0.43	± 35.0%	0.71	± 35.0%	0.69	± 35.0%		
n-Nonane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Octane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Pentane	A-VOCGMS05	1.0	µg/sample	<1.0	---	<1.0	---	<1.0	---		
n-Tetradecane	A-VOCGMS05	0.20	µg/sample	0.41	± 30.0%	0.56	± 30.0%	0.48	± 30.0%		
n-Tridecane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
n-Undecane	A-VOCGMS05	0.20	µg/sample	<0.20	---	<0.20	---	<0.20	---		
C10 - C11 Fraction	A-VOCGMS06	4.60	µg/m ³	<4.60	---	<4.60	---	<4.60	---		
C11 - C12 Fraction	A-VOCGMS06	8.30	µg/m ³	<8.30	---	<8.30	---	<8.30	---		
C12 - C13 Fraction	A-VOCGMS06	25.0	µg/m ³	<25.0	---	<25.0	---	<25.0	---		
C6 - C7 Fraction	A-VOCGMS06	3.00	µg/m ³	<3.00	---	<3.00	---	<3.00	---		
C7 - C8 Fraction	A-VOCGMS06	3.40	µg/m ³	<3.40	---	<3.40	---	<3.40	---		
C8 - C9 Fraction	A-VOCGMS06	3.70	µg/m ³	<3.70	---	<3.70	---	<3.70	---		
C9 - C10 Fraction	A-VOCGMS06	4.10	µg/m ³	<4.10	---	<4.10	---	<4.10	---		
n-Decane	A-VOCGMS06	0.460	µg/m ³	<0.460	---	<0.460	---	<0.460	---		
n-Dodecane	A-VOCGMS06	2.50	µg/m ³	9.34	± 30.0%	9.22	± 30.0%	7.74	± 30.0%		
n-Heptane	A-VOCGMS06	0.340	µg/m ³	<0.340	---	<0.340	---	<0.340	---		
n-Hexane	A-VOCGMS06	0.600	µg/m ³	0.640	± 30.0%	1.06	± 30.0%	1.03	± 30.0%		
n-Nonane	A-VOCGMS06	0.410	µg/m ³	<0.410	---	<0.410	---	<0.410	---		
n-Octane	A-VOCGMS06	0.370	µg/m ³	<0.370	---	<0.370	---	<0.370	---		
n-Pentane	A-VOCGMS06	1.30	µg/m ³	<1.30	---	<1.30	---	<1.30	---		
n-Undecane	A-VOCGMS06	0.830	µg/m ³	<0.830	---	<0.830	---	<0.830	---		

Sub-Matrix: EMISSIONS				Client sample ID		próbka wschód (4)		----		----	
				Laboratory sample ID		PR2234980004		----		----	
				Client sampling date / time		12-Apr-2022 11:05		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
BTEX											
Benzene	A-VOCGMS05	0.10	µg/sample	1.03	± 25.0%	----	----	----	----		
Toluene	A-VOCGMS05	0.10	µg/sample	1.01	± 20.0%	----	----	----	----		
Ethylbenzene	A-VOCGMS05	0.10	µg/sample	0.22	± 20.0%	----	----	----	----		
meta- & para-Xylene	A-VOCGMS05	0.10	µg/sample	0.71	± 20.0%	----	----	----	----		
ortho-Xylene	A-VOCGMS05	0.10	µg/sample	0.22	± 20.0%	----	----	----	----		
Sum of BTEX	A-VOCGMS05	0.50	µg/sample	3.19	---	----	----	----	----		
Sum of TEX	A-VOCGMS05	0.40	µg/sample	2.16	---	----	----	----	----		
Sum of Xylenes	A-VOCGMS05	0.20	µg/sample	0.93	---	----	----	----	----		
Benzene	A-VOCGMS06	0.120	µg/m ³	1.26	± 30.0%	----	----	----	----		
Ethylbenzene	A-VOCGMS06	0.150	µg/m ³	0.318	± 30.0%	----	----	----	----		
meta- & para-Xylene	A-VOCGMS06	0.140	µg/m ³	0.997	± 30.0%	----	----	----	----		
ortho-Xylene	A-VOCGMS06	0.150	µg/m ³	0.333	± 30.0%	----	----	----	----		
Sum of xylenes	A-VOCGMS06	0.290	µg/m ³	1.34	± 30.0%	----	----	----	----		
Toluene	A-VOCGMS06	0.130	µg/m ³	1.34	± 30.0%	----	----	----	----		
Halogenated Volatile Organic Compounds											
1.1.1.2-Tetrachloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1.1-Trichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1.2.2-Tetrachloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1.2-Trichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1-Dichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1-Dichloroethene	A-VOCGMS06	0.250	µg/m ³	<0.250	---	----	----	----	----		
1.1-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.1-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.2.3-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.2.3-Trichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.2.4-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		
1.2-Dibromo-3-Chloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----		



Sub-Matrix: EMISSIONS				Client sample ID		próbka wschód (4)			
				Laboratory sample ID		PR2234980004			
				Client sampling date / time		12-Apr-2022 11:05			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Halogenated Volatile Organic Compounds - Continued									
1.2-Dibromoethane (EDB)	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.2-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.2-Dichloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.2-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.3.5-Trichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.3-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.3-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.4-Dichlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
2.2-Dichloropropane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
2-Chlorotoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
4-Chlorotoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Bromobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Bromochloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Bromodichloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Bromoform	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Bromomethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Chlorobenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Chloroethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Chloroform	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Chloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
cis-1.2-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
cis-1.3-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Dibromochloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Dibromomethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Dichlorodifluoromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Dichloromethane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Hexachlorobutadiene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Tetrachloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Tetrachloromethane	A-VOCGMS05	0.20	µg/sample	0.32	± 30.0%	----	---	----	---
trans-1.2-Dichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
trans-1.3-Dichloropropene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Trichloroethene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Trichlorofluoromethane	A-VOCGMS05	0.20	µg/sample	0.48	± 30.0%	----	---	----	---
Vinyl Chloride	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
1.1.1-Trichloroethane	A-VOCGMS06	0.320	µg/m³	<0.320	---	----	---	----	---
1.2-Dichloroethane	A-VOCGMS06	0.260	µg/m³	<0.260	---	----	---	----	---
1.2-Dichloropropane	A-VOCGMS06	0.300	µg/m³	<0.300	---	----	---	----	---
1.4-Dichlorobenzene	A-VOCGMS06	0.390	µg/m³	<0.390	---	----	---	----	---
cis-1.2-Dichloroethene	A-VOCGMS06	0.250	µg/m³	<0.250	---	----	---	----	---
trans-1.2-Dichloroethene	A-VOCGMS06	0.250	µg/m³	<0.250	---	----	---	----	---
Bromochloromethane	A-VOCGMS06	0.280	µg/m³	<0.280	---	----	---	----	---
Dichloromethane	A-VOCGMS06	0.220	µg/m³	<0.220	---	----	---	----	---
Chlorobenzene	A-VOCGMS06	0.290	µg/m³	<0.290	---	----	---	----	---
Chloroform	A-VOCGMS06	0.260	µg/m³	<0.260	---	----	---	----	---
Tetrachloroethene	A-VOCGMS06	0.340	µg/m³	<0.340	---	----	---	----	---
Tetrachloromethane	A-VOCGMS06	0.300	µg/m³	0.469	± 30.0%	----	---	----	---
Trichloroethene	A-VOCGMS06	0.290	µg/m³	<0.290	---	----	---	----	---
Non-Halogenated Volatile Organic Compounds									
1.4-Dioxane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
2-Methylhexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
4-Phenylcyclohexene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Cyclohexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Ethyl tert-Butyl Ether (ETBE)	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Isooctane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Methyl tert-Butyl Ether (MTBE)	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Methylcyclohexane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Methylcyclopentane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---
Tetrahydrofuran	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	---	----	---



Sub-Matrix: EMISSIONS				Client sample ID		próbka wschód (4)			
				Laboratory sample ID		PR2234980004			
				Client sampling date / time		12-Apr-2022 11:05			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Non-Halogenated Volatile Organic Compounds - Continued									
1,4-Dioxane	A-VOCGMS06	0.290	µg/m³	<0.290	---	----	----	----	----
Cyclohexane	A-VOCGMS06	0.370	µg/m³	<0.370	---	----	----	----	----
Ethyl tert-Butyl Ether (ETBE)	A-VOCGMS06	0.330	µg/m³	<0.330	---	----	----	----	----
Isooctane	A-VOCGMS06	0.360	µg/m³	<0.360	---	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	A-VOCGMS06	0.310	µg/m³	<0.310	---	----	----	----	----
Methylcyclohexane	A-VOCGMS06	0.300	µg/m³	<0.300	---	----	----	----	----
Methylcyclopentane	A-VOCGMS06	0.280	µg/m³	<0.280	---	----	----	----	----
Tetrahydrofuran	A-VOCGMS06	0.270	µg/m³	<0.270	---	----	----	----	----
Aromatic Compounds									
1,2,3-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
1,2,4,5-Tetramethylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
1,2,4-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
1,3,5-Trimethylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
2-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
3-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
4-Ethyltoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Aromatics >C8-C10	A-VOCGMS05	10	µg/sample	<10	---	----	----	----	----
Isopropylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Propylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
p-Isopropyltoluene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
sec-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Styrene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
tert-Butylbenzene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
1,2,4-Trimethylbenzene	A-VOCGMS06	0.400	µg/m³	<0.400	---	----	----	----	----
Isopropylbenzene	A-VOCGMS06	0.340	µg/m³	<0.340	---	----	----	----	----
n-Propylbenzene	A-VOCGMS06	0.350	µg/m³	<0.350	---	----	----	----	----
Styrene	A-VOCGMS06	0.330	µg/m³	<0.330	---	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	A-VOCGMS05	2.0	µg/sample	<4.0	---	----	----	----	----
Naphthalene	A-VOCGMS06	7.90	µg/m³	<15.8	---	----	----	----	----
Aldehydes / Ketones									
2-Butanone (MEK)	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
Acetone	A-VOCGMS05	0.20	µg/sample	0.75	± 40.0%	----	----	----	----
Cyclohexanone	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
Hexanal	A-VOCGMS05	1.2	µg/sample	<1.2	---	----	----	----	----
Methyl iso-Butyl Ketone	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
2-Butanone (MEK)	A-VOCGMS06	0.500	µg/m³	<0.500	---	----	----	----	----
Acetone	A-VOCGMS06	0.260	µg/m³	0.957	± 30.0%	----	----	----	----
Cyclohexanone	A-VOCGMS06	0.580	µg/m³	<0.580	---	----	----	----	----
Methyl iso-Butyl Ketone	A-VOCGMS06	0.590	µg/m³	<0.590	---	----	----	----	----
Alcohols / Esters									
2-Butanol	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
2-Ethylhexanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
2-Methyl-1-Butanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
2-Propanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Ethanol	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
Ethyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
Isobutanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Isobutyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
n-Butanol	A-VOCGMS05	0.30	µg/sample	<0.30	---	----	----	----	----
n-Butyl Acetate	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
n-Propanol	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
tert-Butyl Acetate	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Vinyl Acetate	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
2-Ethylhexanol	A-VOCGMS06	0.460	µg/m³	<0.460	---	----	----	----	----
2-Propanol	A-VOCGMS06	0.380	µg/m³	<0.380	---	----	----	----	----
Ethanol	A-VOCGMS06	1.90	µg/m³	<1.90	---	----	----	----	----



Sub-Matrix: EMISSIONS				Client sample ID		próbka wschód (4)			
				Laboratory sample ID		PR2234980004			
				Client sampling date / time		12-Apr-2022 11:05			
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Alcohols / Esters - Continued									
Ethyl Acetate	A-VOCGMS06	0.510	µg/m³	<0.510	---	----	----	----	----
Isobutanol	A-VOCGMS06	0.260	µg/m³	<0.260	---	----	----	----	----
Isobutyl Acetate	A-VOCGMS06	0.630	µg/m³	<0.630	---	----	----	----	----
n-Butanol	A-VOCGMS06	0.400	µg/m³	<0.400	---	----	----	----	----
n-Butyl Acetate	A-VOCGMS06	0.660	µg/m³	<0.660	---	----	----	----	----
2-Butanol	A-VOCGMS06	0.620	µg/m³	<0.620	---	----	----	----	----
Terpenes									
3-Carene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
alpha-Pinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
alpha-Terpinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
beta-Pinene	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
Limonene	A-VOCGMS05	0.40	µg/sample	<0.40	---	----	----	----	----
Terpenes									
alpha-Pinene	A-VOCGMS06	0.370	µg/m³	<0.370	---	----	----	----	----
Limonene	A-VOCGMS06	0.920	µg/m³	<0.920	---	----	----	----	----
Petroleum Hydrocarbons									
Aliphates >C10-C12	A-VOCGMS05	10	µg/sample	<10	---	----	----	----	----
Aliphates >C6-C8	A-VOCGMS05	10	µg/sample	<10	---	----	----	----	----
Aliphates >C8-C10	A-VOCGMS05	10	µg/sample	<10	---	----	----	----	----
C10 - C11 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C11 - C12 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C12 - C13 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C6 - C7 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C7 - C8 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C8 - C9 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
C9 - C10 Fraction	A-VOCGMS05	2.0	µg/sample	<2.0	---	----	----	----	----
n-Decane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Dodecane	A-VOCGMS05	0.20	µg/sample	0.71	± 30.0%	----	----	----	----
n-Heptane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Hexadecane	A-VOCGMS05	0.20	µg/sample	0.26	± 30.0%	----	----	----	----
n-Hexane	A-VOCGMS05	0.40	µg/sample	0.45	± 35.0%	----	----	----	----
n-Nonane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Octane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Pentane	A-VOCGMS05	1.0	µg/sample	<1.0	---	----	----	----	----
n-Tetradecane	A-VOCGMS05	0.20	µg/sample	0.45	± 30.0%	----	----	----	----
n-Tridecane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
n-Undecane	A-VOCGMS05	0.20	µg/sample	<0.20	---	----	----	----	----
C10 - C11 Fraction	A-VOCGMS06	4.60	µg/m³	<4.60	---	----	----	----	----
C11 - C12 Fraction	A-VOCGMS06	8.30	µg/m³	<8.30	---	----	----	----	----
C12 - C13 Fraction	A-VOCGMS06	25.0	µg/m³	<25.0	---	----	----	----	----
C6 - C7 Fraction	A-VOCGMS06	3.00	µg/m³	<3.00	---	----	----	----	----
C7 - C8 Fraction	A-VOCGMS06	3.40	µg/m³	<3.40	---	----	----	----	----
C8 - C9 Fraction	A-VOCGMS06	3.70	µg/m³	<3.70	---	----	----	----	----
C9 - C10 Fraction	A-VOCGMS06	4.10	µg/m³	<4.10	---	----	----	----	----
n-Decane	A-VOCGMS06	0.460	µg/m³	<0.460	---	----	----	----	----
n-Dodecane	A-VOCGMS06	2.50	µg/m³	8.72	± 30.0%	----	----	----	----
n-Heptane	A-VOCGMS06	0.340	µg/m³	<0.340	---	----	----	----	----
n-Hexane	A-VOCGMS06	0.600	µg/m³	0.670	± 30.0%	----	----	----	----
n-Nonane	A-VOCGMS06	0.410	µg/m³	<0.410	---	----	----	----	----
n-Octane	A-VOCGMS06	0.370	µg/m³	<0.370	---	----	----	----	----
n-Pentane	A-VOCGMS06	1.30	µg/m³	<1.30	---	----	----	----	----
n-Undecane	A-VOCGMS06	0.830	µg/m³	<0.830	---	----	----	----	----

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>	
A-VOCGMS05	CZ_SOP_D06_03_153 (NIOSH) Determination of volatile organic compounds by gas chromatography method with detection FID and MS and calculation of volatile organic compounds sums from measured values and results recalculation to the volume of air
A-VOCGMS06	CZ_SOP_D06_03_153 (NIOSH) Determination of volatile organic compounds by gas chromatography method with detection FID and MS and calculation of volatile organic compounds sums from measured values and results recalculation to the volume of air

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.