

TEST REPORT n° 162519/07

All results reported in this Test Report are exclusively and specifically referred to the submitted sample. The present Test Report can be reproduced only in its entirety.
The present Test Report must not be altered in any part or parts or copied for promotional or advertising purposes without the written authorisation of THEOLAB S.r.l.. The present Test Report consists of 3 page(s)

Customer ERM ITALIA SpA
Address Via San Gregorio, 38
 20154 Milano
Project/Contract 0062523
Matrix Type Soil
Date received 06-mar-07
Customer Sample ID MW7/56
Laboratory Sample ID 01 / 25259
Test Report date of issue 05-apr-07
Sampling Date 02-mar-07
Sampling Procedure Sampling activity carried out by the Customer
Notes Type N

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
0 fraction sieved 2 mm dry basis at 105°C	53,9	%	07/03/2007 - 07/03/2007		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1	
Residues						
0 residue at 105°C as total	92,7	%	06/03/2007 - 07/03/2007		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984	
Metals						
0 arsenic as total and on dry basis at 105°C	1,57 ± 0,39	mg/Kg	08/03/2007 - 08/03/2007	0,024	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 50
0 cadmium as total and on dry basis at 105°C	0,0344 ± 0,0086	mg/Kg	08/03/2007 - 08/03/2007	0,0025	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 15
0 chromium as total and on dry basis at 105°C	13,5 ± 3,4	mg/Kg	08/03/2007 - 08/03/2007	0,02	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 800
0 mercury as total and on dry basis at 105°C	<0,007	mg/Kg	08/03/2007 - 08/03/2007	0,007	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 5
0 nickel as total and on dry basis at 105°C	18,5 ± 4,6	mg/Kg	08/03/2007 - 08/03/2007	0,027	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 500
0 lead as total and on dry basis at 105°C	0,648 ± 0,16	mg/Kg	08/03/2007 - 08/03/2007	0,027	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1000
0 copper as total and on dry basis at 105°C	6,46 ± 1,6	mg/Kg	08/03/2007 - 08/03/2007	0,047	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 600
0 zinc as total and on dry basis at 105°C	15,4 ± 3,9	mg/Kg	08/03/2007 - 08/03/2007	0,095	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1500
Metals						
0 chromium (VI) as total and on dry basis at 105°C	0,0483 ± 0,014	mg/Kg	07/03/2007 - 07/03/2007	0,016	EPA 7199 Rev 0 1996 IC EPA 3060A 1996	< 15

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T,V- All.5 Tab.1/B
# pentaerythrite as total and on dry basis at 105°C	<0,012	mg/Kg	08/03/2007 - 08/03/2007	0,012	SXLC001/05 LC/MS SXLC001/05	
# hexamethylenetetramine as total and on dry basis at 105°C	<0,0058	mg/Kg	08/03/2007 - 09/03/2007	0,0058	SXLC006/05 LC/MS SXLC006/05	
0 acetaldehyde as total and on dry basis at 105°C	0,0196 ± 0,0059	mg/Kg	09/03/2007 - 09/03/2007	0,00018	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
0 formaldehyde as total and on dry basis at 105°C	0,047 ± 0,014	mg/Kg	09/03/2007 - 09/03/2007	0,0003	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
HC Compounds						
0 HC >C12 <C40 as total and on dry basis at 105°C	<0,64	mg/Kg	07/03/2007 - 07/03/2007	0,64	EPA 8015D 2003 GC/FID EPA 3550C 2000	< 750
0 TPH < C12 as total and on dry basis at 105°C	<0,12	mg/Kg	06/03/2007 - 09/03/2007	0,12	EPA 8015D 2003 GC/MS EPA 5035A 2002	< 250
Alcohols						
0 methanol as total and on dry basis at 105°C	<0,052	mg/Kg	07/03/2007 - 07/03/2007	0,052	EPA 8015D 2003 GC/FID EPA 5035A 2002	
Semivolatile Aromatic amine						
0 aniline as total and on dry basis at 105°C	<0,031	mg/Kg	08/03/2007 - 08/03/2007	0,031	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
Phenolic Compounds						
0 2,4,6-trichlorophenol as total and on dry basis at 105°C	<0,025	mg/Kg	08/03/2007 - 08/03/2007	0,025	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 2,4-dichlorophenol as total and on dry basis at 105°C	<0,011	mg/Kg	08/03/2007 - 08/03/2007	0,011	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 2-chlorophenol as total and on dry basis at 105°C	<0,033	mg/Kg	08/03/2007 - 08/03/2007	0,033	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 25
0 2-methylphenol as total and on dry basis at 105°C	<0,031	mg/Kg	08/03/2007 - 08/03/2007	0,031	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 3-methylphenol as total and on dry basis at 105°C	<0,029	mg/Kg	08/03/2007 - 08/03/2007	0,029	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 4-methylphenol as total and on dry basis at 105°C	<0,036	mg/Kg	08/03/2007 - 08/03/2007	0,036	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 phenol as total and on dry basis at 105°C	<0,034	mg/Kg	08/03/2007 - 08/03/2007	0,034	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 60
0 pentachlorophenol as total and on dry basis at 105°C	<0,032	mg/Kg	08/03/2007 - 08/03/2007	0,032	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
PAHs						
0 - total PAHs as total and on dry basis at 105°C	<0,041	mg/Kg	----- - 08/03/2007	0,041	EPA 8270D 2006 GC/MS	
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,039	mg/Kg	08/03/2007 - 08/03/2007	0,039	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,026	mg/Kg	08/03/2007 - 08/03/2007	0,026	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,025	mg/Kg	08/03/2007 - 08/03/2007	0,025	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
PAHs						
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,029	mg/Kg	08/03/2007 - 08/03/2007	0,029	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,035	mg/Kg	08/03/2007 - 08/03/2007	0,035	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 chrysene as total and on dry basis at 105°C	<0,025	mg/Kg	08/03/2007 - 08/03/2007	0,025	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,038	mg/Kg	08/03/2007 - 08/03/2007	0,038	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,035	mg/Kg	08/03/2007 - 08/03/2007	0,035	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,028	mg/Kg	08/03/2007 - 08/03/2007	0,028	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,i]pyrene as total and on dry basis at 105°C	<0,041	mg/Kg	08/03/2007 - 08/03/2007	0,041	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,l]pyrene as total and on dry basis at 105°C	<0,023	mg/Kg	08/03/2007 - 08/03/2007	0,023	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,027	mg/Kg	08/03/2007 - 08/03/2007	0,027	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 pyrene as total and on dry basis at 105°C	<0,035	mg/Kg	08/03/2007 - 08/03/2007	0,035	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50

Test Report End

Parameters flagged with # have been carried out using test methods which are not included in the accredited tests list submitted to the Italian Accreditation Body SINAL.

Accredited parameters are flagged with a number designating the category for which they have been accredited for by the Italian Accreditation Body SINAL.

For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

Laboratory Manager



TEST REPORT n° 162520/07

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Customer	ERM ITALIA SpA	
Address	Via San Gregorio, 38	
	20154 Milano	
Project/Contract	0062523	
Matrix Type	Soil	
Date received	06-mar-07	
Customer Sample ID	MW10/60	Type N
Laboratory Sample ID	02 / 25259	
Test Report date of issue	05-apr-07	
Sampling Date	02-mar-07	
Sampling Procedure	Sampling activity carried out by the Customer	
Notes		

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
0 fraction sieved 2 mm dry basis at 105°C	57,2	%	07/03/2007 - 07/03/2007		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1	
Residues						
0 residue at 105°C as total	88,6	%	06/03/2007 - 07/03/2007		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984	
Metals						
0 arsenic as total and on dry basis at 105°C	2,7 ± 0,68	mg/Kg	08/03/2007 - 08/03/2007	0,026	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 50
0 cadmium as total and on dry basis at 105°C	0,064 ± 0,016	mg/Kg	08/03/2007 - 08/03/2007	0,0027	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 15
0 chromium as total and on dry basis at 105°C	20 ± 5,0	mg/Kg	08/03/2007 - 08/03/2007	0,021	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 800
0 mercury as total and on dry basis at 105°C	<0,0076	mg/Kg	08/03/2007 - 08/03/2007	0,0076	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 5
0 nickel as total and on dry basis at 105°C	18,4 ± 4,6	mg/Kg	08/03/2007 - 08/03/2007	0,029	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 500
0 lead as total and on dry basis at 105°C	0,55 ± 0,14	mg/Kg	08/03/2007 - 08/03/2007	0,03	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1000
0 copper as total and on dry basis at 105°C	6,84 ± 1,7	mg/Kg	08/03/2007 - 08/03/2007	0,051	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 600
0 zinc as total and on dry basis at 105°C	17,1 ± 4,3	mg/Kg	08/03/2007 - 08/03/2007	0,1	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1500
Metals						
0 chromium (VI) as total and on dry basis at 105°C	0,0546 ± 0,016	mg/Kg	07/03/2007 - 07/03/2007	0,017	EPA 7199 Rev 0 1996 IC EPA 3060A 1996	< 15

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T,V- All.5 Tab.1/B
# pentaerythrite as total and on dry basis at 105°C	<0,013	mg/Kg	08/03/2007 - 08/03/2007	0,013	SXLC001/05 LC/MS SXLC001/05	
# hexamethylenetetramine as total and on dry basis at 105°C	<0,0065	mg/Kg	08/03/2007 - 09/03/2007	0,0065	SXLC006/05 LC/MS SXLC006/05	
0 acetaldehyde as total and on dry basis at 105°C	0,0254 ± 0,0076	mg/Kg	09/03/2007 - 09/03/2007	0,0002	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
0 formaldehyde as total and on dry basis at 105°C	0,0656 ± 0,02	mg/Kg	09/03/2007 - 09/03/2007	0,00034	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
HC Compounds						
0 HC >C12 <C40 as total and on dry basis at 105°C	<0,67	mg/Kg	07/03/2007 - 07/03/2007	0,67	EPA 8015D 2003 GC/FID EPA 3550C 2000	< 750
0 TPH < C12 as total and on dry basis at 105°C	<0,14	mg/Kg	06/03/2007 - 09/03/2007	0,14	EPA 8015D 2003 GC/MS EPA 5035A 2002	< 250
Alcohols						
0 methanol as total and on dry basis at 105°C	<0,057	mg/Kg	07/03/2007 - 07/03/2007	0,057	EPA 8015D 2003 GC/FID EPA 5035A 2002	
Semivolatile Aromatic amine						
0 aniline as total and on dry basis at 105°C	<0,027	mg/Kg	08/03/2007 - 08/03/2007	0,027	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
Phenolic Compounds						
0 2,4,6-trichlorophenol as total and on dry basis at 105°C	<0,021	mg/Kg	08/03/2007 - 08/03/2007	0,021	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 2,4-dichlorophenol as total and on dry basis at 105°C	<0,0095	mg/Kg	08/03/2007 - 08/03/2007	0,0095	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 2-chlorophenol as total and on dry basis at 105°C	<0,029	mg/Kg	08/03/2007 - 08/03/2007	0,029	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 25
0 2-methylphenol as total and on dry basis at 105°C	<0,027	mg/Kg	08/03/2007 - 08/03/2007	0,027	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 3-methylphenol as total and on dry basis at 105°C	<0,025	mg/Kg	08/03/2007 - 08/03/2007	0,025	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 4-methylphenol as total and on dry basis at 105°C	<0,031	mg/Kg	08/03/2007 - 08/03/2007	0,031	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 phenol as total and on dry basis at 105°C	<0,03	mg/Kg	08/03/2007 - 08/03/2007	0,03	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 60
0 pentachlorophenol as total and on dry basis at 105°C	<0,028	mg/Kg	08/03/2007 - 08/03/2007	0,028	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
PAHs						
0 - total PAHs as total and on dry basis at 105°C	<0,036	mg/Kg	----- - 08/03/2007	0,036	EPA 8270D 2006 GC/MS	
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,034	mg/Kg	08/03/2007 - 08/03/2007	0,034	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,023	mg/Kg	08/03/2007 - 08/03/2007	0,023	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,022	mg/Kg	08/03/2007 - 08/03/2007	0,022	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
PAHs						
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,025	mg/Kg	08/03/2007 - 08/03/2007	0,025	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,031	mg/Kg	08/03/2007 - 08/03/2007	0,031	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 chrysene as total and on dry basis at 105°C	<0,022	mg/Kg	08/03/2007 - 08/03/2007	0,022	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,033	mg/Kg	08/03/2007 - 08/03/2007	0,033	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,03	mg/Kg	08/03/2007 - 08/03/2007	0,03	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,024	mg/Kg	08/03/2007 - 08/03/2007	0,024	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,i]pyrene as total and on dry basis at 105°C	<0,036	mg/Kg	08/03/2007 - 08/03/2007	0,036	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,l]pyrene as total and on dry basis at 105°C	<0,02	mg/Kg	08/03/2007 - 08/03/2007	0,02	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,024	mg/Kg	08/03/2007 - 08/03/2007	0,024	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 pyrene as total and on dry basis at 105°C	<0,031	mg/Kg	08/03/2007 - 08/03/2007	0,031	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50

Test Report End

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For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

Laboratory Manager



TEST REPORT n° 162521/07

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Customer ERM ITALIA SpA
Address Via San Gregorio, 38
 20154 Milano
Project/Contract 0062523
Matrix Type Soil
Date received 06-mar-07
Customer Sample ID MW10/36
Laboratory Sample ID 03 / 25259
Test Report date of issue 05-apr-07
Sampling Date 02-mar-07
Sampling Procedure Sampling activity carried out by the Customer
Notes Type N

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
0 fraction sieved 2 mm dry basis at 105°C	95,5	%	07/03/2007 - 07/03/2007		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1	
Residues						
0 residue at 105°C as total	86,5	%	06/03/2007 - 07/03/2007		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984	
Metals						
0 arsenic as total and on dry basis at 105°C	1,98 ± 0,49	mg/Kg	08/03/2007 - 08/03/2007	0,045	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 50
0 cadmium as total and on dry basis at 105°C	0,0554 ± 0,014	mg/Kg	08/03/2007 - 08/03/2007	0,0047	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 15
0 chromium as total and on dry basis at 105°C	19,3 ± 4,8	mg/Kg	08/03/2007 - 08/03/2007	0,037	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 800
0 mercury as total and on dry basis at 105°C	<0,013	mg/Kg	08/03/2007 - 08/03/2007	0,013	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 5
0 nickel as total and on dry basis at 105°C	25 ± 6,3	mg/Kg	08/03/2007 - 08/03/2007	0,05	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 500
0 lead as total and on dry basis at 105°C	0,599 ± 0,15	mg/Kg	08/03/2007 - 08/03/2007	0,052	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1000
0 copper as total and on dry basis at 105°C	8,99 ± 2,2	mg/Kg	08/03/2007 - 08/03/2007	0,089	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 600
0 zinc as total and on dry basis at 105°C	27,5 ± 6,9	mg/Kg	08/03/2007 - 08/03/2007	0,18	EPA 6020A 1998 ICP-MS EPA 3051A 1998	< 1500
Metals						
0 chromium (VI) as total and on dry basis at 105°C	<0,028	mg/Kg	07/03/2007 - 07/03/2007	0,028	EPA 7199 Rev 0 1996 IC EPA 3060A 1996	< 15

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
# pentaerythrite as total and on dry basis at 105°C	<0,022	mg/Kg	08/03/2007 - 08/03/2007	0,022	SXLC001/05 LC/MS SXLC001/05	
# hexamethylenetetramine as total and on dry basis at 105°C	<0,011	mg/Kg	08/03/2007 - 09/03/2007	0,011	SXLC006/05 LC/MS SXLC006/05	
0 acetaldehyde as total and on dry basis at 105°C	0,0389 ± 0,012	mg/Kg	09/03/2007 - 09/03/2007	0,00034	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
0 formaldehyde as total and on dry basis at 105°C	0,0959 ± 0,029	mg/Kg	09/03/2007 - 09/03/2007	0,00057	EPA 8315A 1996 LC/DAD EPA 8315A 1996	
HC Compounds						
0 HC >C12 <C40 as total and on dry basis at 105°C	<1,1	mg/Kg	07/03/2007 - 07/03/2007	1,1	EPA 8015D 2003 GC/FID EPA 3550C 2000	< 750
0 TPH < C12 as total and on dry basis at 105°C	<0,25	mg/Kg	06/03/2007 - 09/03/2007	0,25	EPA 8015D 2003 GC/MS EPA 5035A 2002	< 250
Alcohols						
0 methanol as total and on dry basis at 105°C	<0,1	mg/Kg	07/03/2007 - 07/03/2007	0,1	EPA 8015D 2003 GC/FID EPA 5035A 2002	
Semivolatile Aromatic amine						
0 aniline as total and on dry basis at 105°C	<0,047	mg/Kg	08/03/2007 - 08/03/2007	0,047	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
Phenolic Compounds						
0 2,4,6-trichlorophenol as total and on dry basis at 105°C	<0,037	mg/Kg	08/03/2007 - 08/03/2007	0,037	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 2,4-dichlorophenol as total and on dry basis at 105°C	<0,017	mg/Kg	08/03/2007 - 08/03/2007	0,017	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 2-chlorophenol as total and on dry basis at 105°C	<0,05	mg/Kg	08/03/2007 - 08/03/2007	0,05	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 25
0 2-methylphenol as total and on dry basis at 105°C	<0,047	mg/Kg	08/03/2007 - 08/03/2007	0,047	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 3-methylphenol as total and on dry basis at 105°C	<0,044	mg/Kg	08/03/2007 - 08/03/2007	0,044	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 4-methylphenol as total and on dry basis at 105°C	<0,054	mg/Kg	08/03/2007 - 08/03/2007	0,054	EPA 8270D 2006 GC/MS EPA 3550C 2000	
0 phenol as total and on dry basis at 105°C	<0,052	mg/Kg	08/03/2007 - 08/03/2007	0,052	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 60
0 pentachlorophenol as total and on dry basis at 105°C	<0,049	mg/Kg	08/03/2007 - 08/03/2007	0,049	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
PAHs						
0 - total PAHs as total and on dry basis at 105°C	<0,062	mg/Kg	----- - 08/03/2007	0,062	EPA 8270D 2006 GC/MS	
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,058	mg/Kg	08/03/2007 - 08/03/2007	0,058	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,04	mg/Kg	08/03/2007 - 08/03/2007	0,04	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,038	mg/Kg	08/03/2007 - 08/03/2007	0,038	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.1/B
PAHs						
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,044	mg/Kg	08/03/2007 - 08/03/2007	0,044	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,053	mg/Kg	08/03/2007 - 08/03/2007	0,053	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 chrysene as total and on dry basis at 105°C	<0,038	mg/Kg	08/03/2007 - 08/03/2007	0,038	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,058	mg/Kg	08/03/2007 - 08/03/2007	0,058	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,053	mg/Kg	08/03/2007 - 08/03/2007	0,053	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,042	mg/Kg	08/03/2007 - 08/03/2007	0,042	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,i]pyrene as total and on dry basis at 105°C	<0,062	mg/Kg	08/03/2007 - 08/03/2007	0,062	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 dibenzo[a,l]pyrene as total and on dry basis at 105°C	<0,035	mg/Kg	08/03/2007 - 08/03/2007	0,035	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 10
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,042	mg/Kg	08/03/2007 - 08/03/2007	0,042	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 5
0 pyrene as total and on dry basis at 105°C	<0,054	mg/Kg	08/03/2007 - 08/03/2007	0,054	EPA 8270D 2006 GC/MS EPA 3550C 2000	< 50

Test Report End

Parameters flagged with # have been carried out using test methods which are not included in the accredited tests list submitted to the Italian Accreditation Body SINAL.

Accredited parameters are flagged with a number designating the category for which they have been accredited for by the Italian Accreditation Body SINAL.

For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

Laboratory Manager

