Contaminated Clay Loam Soil - Extractable
LGC 6145

(Unit : mg/kg)

	As	Cd	Cr	Cu	Pb	Ni	Se	V	Zn
Certified value	38.70	0.65	47.60	62.20	45.10	39.00	1.81	53.90	137.00
Uncertainty	1.20	0.07	1.80	3.60	2.30	2.50	0.13	2.30	6.00

* 왕수분해

Sewage sludge - Extractable & total metals
LGC - CC163

(Unit : mg/kg)

	Al	Ba	Cr	Co	Cu	Fe	Pb	Mg	Mn
Certified value	15100.0	633.0	399.0	23.2	464.0	22200.0	341.0	2820.0	544.0
Uncertainty	5400.0	195.0	32.0	3.6	21.0	2780.0	18.0	540.0	32.0

	Ni	K	Na	Zn					
Certified value	130.0	203.0	397.0	890.0					
Uncertainty	10.0	844.0	64.0	140.0					

* 왕수분해

Chromium VI - Soil
CRM 041-30G

(Unit : mg/kg)

	Cr^{+6}								
Certified value	91.40								
Uncertainty	5.11								

제품문의 : sales@odlab.co.kr / 02-809-7847~8

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Trace elements in contaminated soil
BAM-U110

(Unit : mg/kg)

	As	Cd	Co	Cr	Cu	Hg	Mn	Ni	Pb	Zn
Certified value	15.80	7.3	16.20	230.0	263.0	51.10	621	101.0	197.0	1000.0
Uncertainty	1.40	0.6	1.60	13.0	12.0	4.10	20.00	5.0	14.0	50.0

* ISO11465 왕수분해

	As	Cd	Co	Cr	Cu	Hg	Mn	Ni	Pb	Zn
Certified value	13.0	7.0	14.5	190.0	262.0	49.3	580.0	95.6	185.0	990.0
Uncertainty	1.1	0.4	0.8	9.0	9.0	2.9	19.0	4.0	8.0	40.0

* ISO11465 왕수분해, 불산첨가

Trace elements in contaminated soil
BAM-U112a

(Unit : mg/kg)

	As	Cd	Co	Cr	Cu	Hg	Ni	Pb	V	Zn
Certified value	10.3	4.1	3.6	80.1	75.5	16.3	10.1	198.0	12.7	198.0
Uncertainty	0.5	0.2	0.2	2.5	3.1	1.0	0.5	8.0	0.8	6.0

* EN16174 Method A (open vessel, reflux conditions)

	As	Cd	Co	Cr	Cu	Hg	Ni	Pb	V	Zn
Certified value	10.4	4.1	3.9	81.9	75.0	15.9	11.2	199.0	14.0	200.0
Uncertainty	0.7	0.2	0.4	2.6	4.0	1.1	0.9	8.0	0.9	7.0

* EN16174 Method B (microwave-assisted, 175℃)

Montana I Soil
SRM 2710a

(Unit : mg/kg)

	Al	As	Ca	Cu	Fe	Pb	Mg	Mn	P	K
Certified value	5.950	0.154	0.964	0.342	4.320	0.552	0.734	0.214	0.105	2.170
Uncertainty	0.050	0.010	0.045	0.005	0.080	0.003	0.038	0.006	0.004	0.130

	Si	Na	Ti	Zn	Sb	Ba	Cd	Co	La	Hg
Certified value	31.1	0.894	0.894	0.418	52.5	792.0	12.30	5.990	30.60	9.880
Uncertainty	0.4	0.400	0.019	0.015	1.6	36.0	0.30	0.140	1.20	0.210

	Sr	U								
Certified value	255.0	9.110								
Uncertainty	7.0	0.300								

* Certified Values, 완전분해, 불산첨가

	Cs	Cr	Eu	Gd	Lu	Nd	Ni	Rb	Sm	Sc
Certified value	8.25	23.0	0.82	3.00	0.31	22.0	8.0	117.0	4.0	9.90
Uncertainty	0.11	6.0	0.01	0.10	0.01	2.0	1.0	3.0	0.2	0.10

	Tl	Th	V							
Certified value	1.5	18.1	82.0							
Uncertainty	0.0	0.3	9.0							

* Reference Values

Montana II Soil
SRM 2711a

(Unit : mg/kg)

	Al	As	Ca	Cu	Fe	Pb	Mg	Mn	P	K
Certified value	6.720	107.0	2.420	140.0	2.820	0.140	1.070	675.0	842.0	2.530
Uncertainty	0.060	5.0	0.060	2.0	0.040	0.001	0.060	18.0	11.0	0.100

	Si	Na	Ti	Zn	Sb	Ba	Cd	Co	Sm	Hg
Certified value	31.4	1.200	0.317	414.0	23.8	730.0	54.10	9.890	5.93	7.420
Uncertainty	0.7	0.010	0.008	11.0	1.4	15.0	0.50	0.180	0.28	0.180

	Sr	U	Ni	Cr						
Certified value	242.0	3.010	21.70	52.30						
Uncertainty	10.0	0.120	0.70	2.90						

* Certified Values, 완전분해, 불산첨가

	Ce	Eu	Hf	La	Nd	Rb	Sc	Th		
Certified value	6.7	1.1	9.2	38.0	29.0	120.0	8.5	15.0		
Uncertainty	0.2	0.2	0.2	1.0	2.0	3.0	0.1	1.0		

* Reference Values