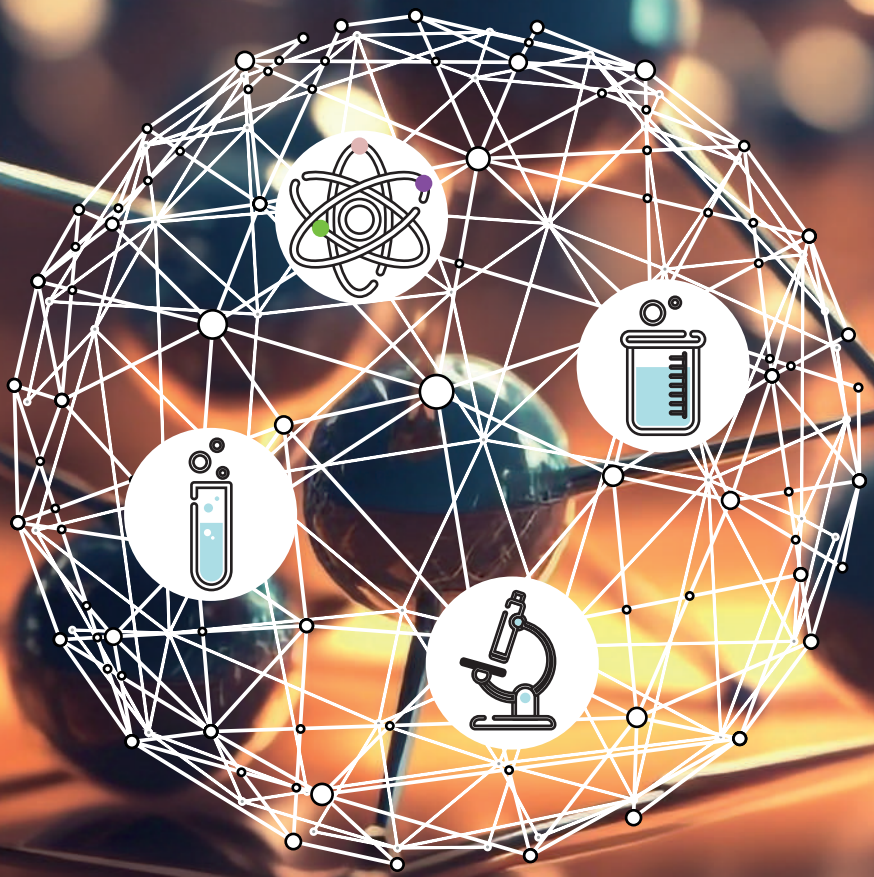
인증표준물질

Certified Reference Materials



ODLAB

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중금속분석을 위한 시료전처리장비와 인증표준물질등 소모품 전문기업!

(주) 오디랩은 2008년 8월에 설립된 회사로 중금속분석에 사용되는 흑연블럭 산 분해장비인 **에코프리 I , II , III 시리즈와 산 세척장치, 고순도 산 제조 장치,유리분주기, ICP/ICP MS 소모품, 인증표준물질(CRM), 숙련도 평가물질 (PT)등** 을 제조, 수입판매하고 있습니다.
(주) 오디랩에서 제조 판매하는 흑연블럭 산 분해장비는 열선 가열판이나 마이크로웨이브의 단점을 보완한 제품으로 **국내를 비롯하여 세계 7개국에 특허를 획득하였고 현재 해외로도 수출 중** 에 있습니다.
또한 실험실에서 분석 데이터의 신뢰성확보를 위한 **인증표준물질(CRM)과 표준물질(RM), 국제숙련도 물질을 전세계에서 수입하여 판매**하고 있습니다.
인증표준물질은 고객이 찾으시는 제품을 탐색하여 드리고 있으며, 가장 근접한 제품으로 추천드리고 있습니다.
특히 유럽환경규제인 RoHS에 대응한 IEC62321시험법에 나오는 인증표준물질을 국내 시험평가기관이나 국가기관에 공급하고 있으며, 환경부에서 실시하는 정도관리에 대응하여 LGC사에서 제공하는 환경관련 숙련도 물질을 공급하고 있습니다.

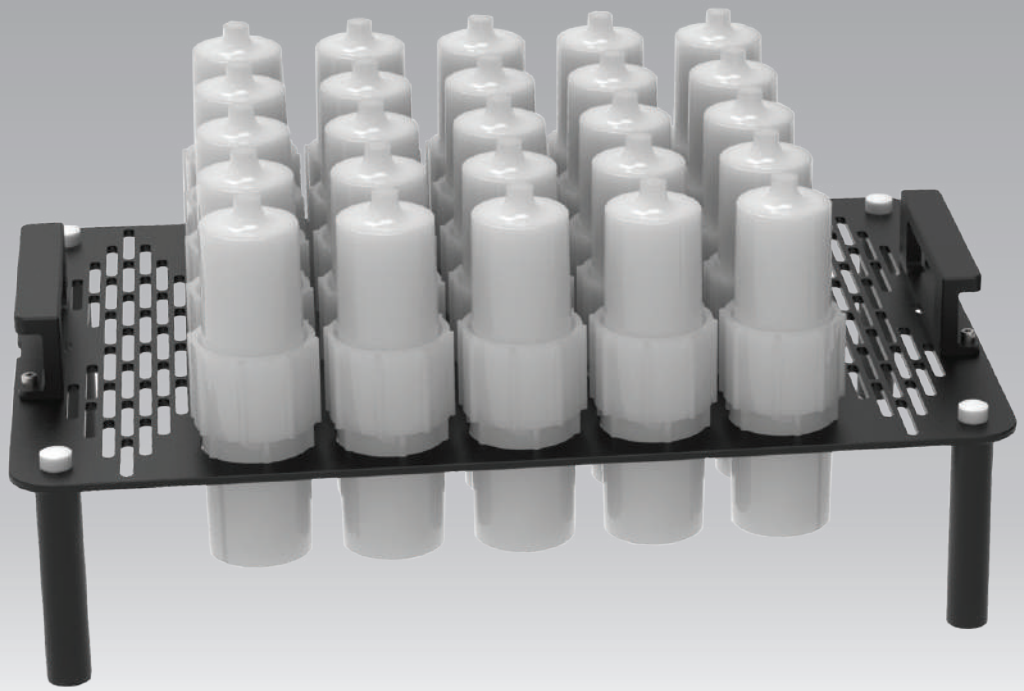
저희 (주) 오디랩은 화학실험실의 동반자로서
분석의 재현성과 정확성, 신뢰성 확보를 위해
언제나 고객의 노력과 함께 하겠습니다

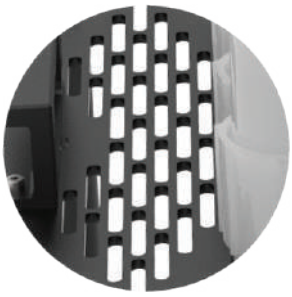
ODLAB

자동 산분해장비

ADS25

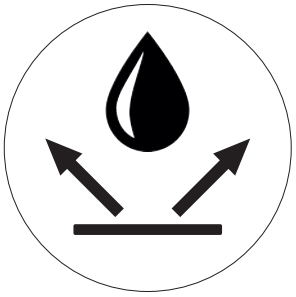
견적문의





경량화 & 벤틸레이션

산순환 포집분해용기



오염방지&내구성

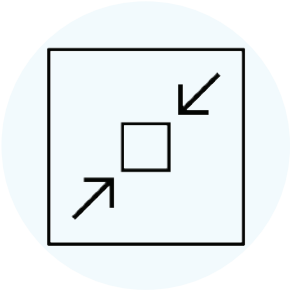
앱 연동 조작

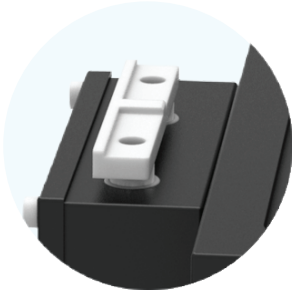
경량화 & 벤틸레이션 - 이동 및 보관을 위해 플레이트를 타공디자인으로 경량화를 하였습니다
또한 타공을 통하여 월활하게 열기의 순환이 이루어 집니다.

산순환 포집분해용기 - 좌우에 있는 리프트 장치로 산 순환 포집분해 용기 내부의 산을 가열 / 냉각 시켜서
사이펀 현상에 의해 리사이클 시켜 시료를 분해할 수 있도록 디자인 하였습니다.

오염방지&내구성 - SUS 재질사용 및 테프론 특수코팅을 하여 표면이 쉽게 오염되지 않도록 제작하였습니다.
또한 상부 가열부와 하부 전자제어부는 서로 격리,밀봉되어 열 또는 산 증기로 인하여
전자제어장치가 손상되지않도록 되어있습니다.

앱 연동 조작 - 20 Step 으로 가열 / 냉각 으로 분해조건을 프로그램화 할 수 있으며, 앱을 사용하여 조절가능합니다.





컴팩트한 사이즈 | **오토메틱 리프팅** | **균일한 온도** | **수동 승강버튼**

컴팩트한 사이즈 - 실험실 흄후드 내부에서 사용할 때 가장 적절한 사이즈로 설치 및 이동이 용이하고
전원스위치는 콘센트라인에 위치하고 있어서 산에대한 노출이 없고 내구성이 높습니다.

오토메틱 리프팅 - 메뉴얼 및 프로그래밍 기능으로 반복적인 가열 / 냉각을 할 수있도록 리프팅 기능이 있습니다.

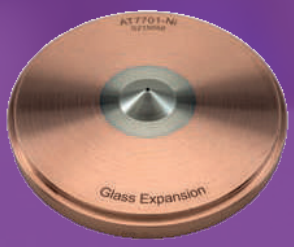
균일한 온도 - 흑연 소재를 사용하여 균일한 온도를 제공하고 (±1℃ 온도편차를 갖는다)
제어는 0.2 ℃ 로 제어된다.

수동 승강버튼 - 리프트 장치를 수동버튼을 사용하여 상부 랙(Rack)을 상하로 움직여
사용자가 원할 시 용기의 상태를 언제든지 확인 할 수 있습니다.

GLASS EXPANSION
Quality By Design

ICP-OES / ICP-MS

모든 메이커 (애질런트, 써모, 퍼킨..etc) 전제품



견적문의

Soil

본 자료는 시기에 따라 제품 단종 및 수치의 변경이
있을 수 있으니 본사로 문의 부탁드립니다.

Soils

Code	Product	Unit
BAM-U013c	Polycyclic aromatic hydrocarbons in soil Certified Values	73 g
	Naphthalene ..... 1.9 mg/kg Acenaphthene ..... 0.69 mg/kg Fluorene ..... 0.98 mg/kg Phenanthrene ..... 7.0 mg/kg Anthracene ..... 2.38 mg/kg Fluoranthene ..... 14.2 mg/kg Pyrene ..... 9.7 mg/kg Benz[a]anthracene ..... 9.6 mg/kg	Chrysene ..... 10.6 mg/kg Benzo[b]fluoranthene .... 11.3 mg/kg Benzo[k]fluoranthene ..... 4.7 mg/kg Benzo[a]pyrene ..... 8.1 mg/kg Dibenz[a,h]anthracene ... 2.02 mg/kg Benzo[ghi]perylene ..... 5.5 mg/kg Indeno[1,2,3-cd]pyrene .... 5.5 mg/kg PAH sum 94.2mg/kg
BAM-U019a	Polychlorinated biphenyls in soil Certified Values	81 g
	PCB-28 ..... 0.157 mg/kg PCB-52 ..... 1.67 mg/kg PCB-101 ..... 1.8 mg/kg PCB-118 ..... 1.48 mg/kg	PCB-138 ..... 1.02 mg/kg PCB-153 ..... 0.84 mg/kg PCB-180 ..... 0.213 mg/kg
BAM-U021a	Mineral oil contaminated soil Certified Values	71 g
	Total petroleum hydrocarbon (TPH) ..... 2801 mg/kg	
BAM-U110	Contaminated soil Certified Values	71 g
	As ..... 15.8 mg/kg Cd ..... 7.3 mg/kg Co ..... 16.2 mg/kg Cr ..... 230 mg/kg Cu ..... 263 mg/kg	Hg ..... 51.5 mg/kg Mn ..... 621 mg/kg Ni ..... 101 mg/kg Pb ..... 197 mg/kg Zn ..... 1000 mg/kg
	Aqua Regia Extractable Mass Fractions: (extraction according to DIN ISO 11466)	
	As ..... 13.0 mg/kg Cd ..... 7.0 mg/kg Co ..... 14.5 mg/kg Cr ..... 190 mg/kg Cu ..... 262 mg/kg	Hg ..... 49.3 mg/kg Mn ..... 580 mg/kg Ni ..... 95.6 mg/kg Pb ..... 185 mg/kg Zn ..... 990 mg/kg
ERM®-CC007a	Contaminated soil Certified Values	103 g
	α-HCH ..... 219 mg/kg β-HCH ..... 1570 mg/kg γ-HCH ..... 21.4 mg/kg	p,p'-DDE ..... 380 mg/kg o,p'-DDT ..... 340 mg/kg p,p'-DDT ..... 960 .mg/kg
BCR®-142R	LIGHT SANDY SOIL Certified Values	50 g
	Cd ..... 0.34 mg/kg Co ..... 12.1 mg/kg Cu ..... 69.7 mg/kg Pb ..... 40.2 mg/kg	Mn ..... 970 mg/kg Hg ..... 0.067 mg/kg Ni ..... 64.5 mg/kg
	Aqua regia soluble content	
	Cd ..... 0.249 mg/kg Pb ..... 25.7 mg/kg	Ni ..... 61.1 mg/kg Zn ..... 93.3 mg/kg

Soils

Code	Product	Unit

ERM-CC141

LOAM SOIL (elements) — 24 g

The material consists of minimum 24 g of a loam soil, provided in screw-capped amber glass bottles,packaged under argon and closed with polyethylene inserts.

Certified Values

SiO_2	782.8 g/kg	Fe_2O_3	65.8 g/kg
MgO	6.8 g/kg	P_2O_5	1.3 g/kg
Al_2O_3	167.0 g/kg	K_2O	42.2 g/kg
TiO_2	7.2 g/kg	Na_2O	21.7 g/kg
		CaO	6.2 g/kg

BCR-143R

SEWAGE SLUDGE AMENDED SOIL — 50 g

The sample consists of about 50 g of powdered sewage sludge amended soil (particles have passed a sieve with apertures < 90 µm) in brown glass bottles provided with a polyethylene insert and a screw cap.

Certified Values

Element	Certified value [mg/kg]	Element	Certified value [mg/kg]
Cd	71.8	Mn	904
Co	12.3	Hg	1.10
Cu	130.6	Ni	299
Pb	179.7	Zn	1055

ERM-CC690

CALCAREOUS SOIL — 50 g

The material consists of calcareous soil in a glass bottle containing approximately 70 g of powder. Information on the preparation and the certification of the rare earth elements Ce, Dy, Gd, La, Nd, Sc, Sm, Tb, Tm and Yb, and of the elements Th and U is given in the certification report.

Certified Values

Element	Certified value [mg/kg]	Element	Certified value [mg/kg]
Ce	49.1	Sm	3.5
Dy	2.90	Tb	0.50
Gd	3.2	Tm	0.232
La	24.4	Yb	1.57
Nd	19.1	Th	7.6
Sc	7.9	U	1.90

BCR-483

SEWAGE SLUDGE AMENDED SOIL — 70 g

The material consists of a soil sample in a glass bottle containing about 70 g of powder. Additional information on the preparation, the certified and indicative values is given in the certification report.

Certified Values

Element	Certified value [mg/kg]
Cd	24.3
Cr	28.6
Cu	215
Ni	28.7
Pb	229
Zn	612

Soils

Code	Product	Unit

BCR®-484

SEWAGE SLUDGE AMENDED (TERRA ROSA) SOIL — 70 g

Certified Values

EDTA-extractable

Cd	0.509 mg/kg	Pb	47.9 mg/kg
Cu	88 mg/kg	Zn	152 mg/kg
Ni	1.39 mg/kg		

Acetic acid-extractable

Cd	0.48 mg/kg	Pb	1.17 mg/kg
Cu	33.9 mg/kg	Zn	193 mg/kg
Ni	1.69 mg/kg		

Calcium chloride extractable content

Cd	< 0.08 mg/kg	Ni	< 0.05 mg/kg
Cr	< 0.09 mg/kg	Pb	< 0.06 mg/kg
Cu	0.67 mg/kg	Zn	0.31 mg/kg

Sodium nitrate extractable content

Cd	< 0.05 mg/kg	Ni	0.023 mg/kg
Cr	< 0.03 mg/kg	Pb	< 0.06 mg/kg
Cu	0.48 mg/kg	Zn	0.09 mg/kg

Ammonium nitrate extractable content

Cd	0.003 mg/kg	Ni	0.033 mg/kg
Cr	< 0.06 mg/kg	Pb	< 0.06 mg/kg
Cu	1.1 mg/kg	Zn	0.17 mg/kg

BCR®-700

ORGANIC-RICH SOIL — 40 g

Certified Values

EDTA-extractable

Cd	65.2 mg/kg	Ni	53.2 mg/kg
Cr	10.1 mg/kg	Pb	103 mg/kg
Cu	89.4 mg/kg	Zn	510 mg/kg

Acetic acid-extractable

Cd	67.5 mg/kg	Ni	99.0 mg/kg
Cr	19.0 mg/kg	Pb	4.85 mg/kg
Cu	36.3 mg/kg	Zn	719 mg/kg

BCR®-524

INDUSTRIAL SOIL — 40 g

Certified Values [Mass fraction based on dry mass]

Pyrene1) 173 mg/kg	Benzo[k] fluoranthene1) 6.2 mg/kg
Benz[a] anthracene1) 22.5 mg/kg	Benzo[b]naphtho[2,1-d] thiophene1) 3.8 mg/kg
Benzo[a] pyrene1) 8.6 mg/kg	Indeno[1,2,3-cd] pyrene1 5.1 mg/kg
Benzo[e] pyrene1) 10.6 mg/kg	Indeno[1,2,3-cd] pyrene1 0.034 mg/kg
Benzo[b] fluoranthene1) 13.5 mg/kg	

Soils

Code	Product	Unit

BCR®-481

INDUSTRIAL SOIL — 25 g

Certified Values

PCB 101	37 mg/kg	PCB 153	137 mg/kg
PCB 118	9.4 mg/kg	PCB 156	7.0 mg/kg
PCB 128	9.1 mg/kg	PCB 170	52 mg/kg
PCB 149	97 mg/kg	PCB 180	124 mg/kg

BCR®-529

INDUSTRIAL SOIL (sandy soil) — 50 g

Certified Values

Chlorophenols

3,4-dichlorophenol	0.23 mg/kg
2,4,5-trichlorophenol	1.51 mg/kg
Pentachlorophenol	0.23 mg/kg

Polychlorodibenzo-p-dioxins and polychlorodibenzo-furans 3)

2,3,7,8-TCDD (D48)	4.5 mg/kg	1,2,3,7,8-PeCDF (F94)	0.145 mg/kg
1,2,3,7,8-PeCDD (D54)	0.44 mg/kg	2,3,4,7,8-PeCDF (F114)	0.36 mg/kg
1,2,3,4,7,8-HxCDD (D66)	1.22 mg/kg	1,2,3,4,7,8-HxCDF (F118)	3.4 mg/kg
1,2,3,6,7,8-HxCDD (D67)	5.4 mg/kg	1,2,3,6,7,8-HxCDF (F121)	1.09 mg/kg
1,2,3,7,8,9-HxCDD (D70)	3.0 mg/kg	1,2,3,7,8,9-HxCDF (F124)	0.022 mg/kg
2,3,7,8-TCDF (F83)	0.078 mg/kg	2,3,4,6,7,8-HxCDF (F130)	0.37 mg/kg

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BCR®-530

INDUSTRIAL SOIL (clay soil) — 50 g

Certified Values

Chlorophenols

3,4-dichlorophenol	6.0 mg/kg
2,4,5-trichlorophenol	40 mg/kg
Pentachlorophenol	0.47 mg/kg

Polychlorodibenzo-p-dioxins and polychlorodibenzo-furans 3)

1,2,3,6,7,8-HxCDD (D67)	0.061 mg/kg	1,2,3,4,7,8-HxCDF (F118)	0.321 mg/kg
1,2,3,7,8,9-HxCDD (D70)	0.0218 mg/kg	1,2,3,6,7,8-HxCDF (F121)	0.186 mg/kg
1,2,3,7,8-PeCDF (F94)	0.24 mg/kg	2,3,4,6,7,8-HxCDF (F130)	0.126 mg/kg
2,3,4,7,8-PeCDF (F114)	0.62 mg/kg		

ERM®-CC141

LOAM SOIL — 24 g

Certified Values

As	9.9 mg/kg	Hg	0.083 mg/kg
Cd	0.35 mg/kg	Mn	464 mg/kg
Co	8.5 mg/kg	Ni	26.4 mg/kg
Cr	86 mg/kg	Pb	41 mg/kg
Cu	14.4 mg/kg	Zn	57 mg/kg

Aqua regia extractable content

As	7.5 mg/kg	Hg	0.080 mg/kg
Cd	0.25 mg/kg	Mn	387 mg/kg
Co	7.9 mg/kg	Ni	21.9 mg/kg
Cr	31 mg/kg	Pb	32.2 mg/kg
Cu	12.4 mg/kg	Zn	50 mg/kg

Soils

Code	Product	Unit
SRM 2586	Trace Elements in Soil Containing Lead from Paint (Nominal Mass Fraction 500 mg/kg Lead)	55 g

Certified Values

As ..... 8.7 ± 1.5 mg/kg
Cd ..... 2.71 ± 0.54 mg/kg
Cr ..... 301 ± 45 mg/kg
Pb ..... 432 ± 17 mg/kg

Indicative values for a wide range of additional elements

SRM 2587 — Trace Elements in Soil (contains lead from paint) (Nominal Mass Fraction 500 mg/kg Lead) — 55 g

Certified Mass Fractions

As ..... 13.7 ± 2.3 mg/kg
Cd ..... 1.92 ± 0.23 mg/kg
Cr ..... 92 ± 11 mg/kg
Pb ..... 3242 ± 57 mg/kg

SRM 2700 — Hexavalent Chromium in Contaminated Soil (Low Level) — 75 g

Certified Values for Mass Fractions (Dry-Mass Basis) of Hexavalent Chromium and Elements

Hexavalent Chromium (Cr) ..... 14.9 ± 1.2 mg/kg
Total Cr ..... 0.1055 ± 0.0024 %
Iron (Fe) ..... 0.595 ± 0.056 %
Manganese (Mn) ..... 0.0060 ± 0.0005 %

SRM 2701 — Hexavalent Chromium in Contaminated Soil (High Level) — 75 g

Certified Values for Concentrations of Hexavalent Chromium and Selected Elements

Hexavalent Chromium (Cr) ..... 551.2 ± 34.5 mg/kg
Total Cr ..... 4.26 ± 0.12 %
Iron (Fe) ..... 23.73 ± 0.19 %
Manganese (Mn) ..... 0.2137 ± 0.0014 %

SRM 2706 — New Jersey Soil — 50 g

Certified Mass Fraction Values (Dry-Mass Basis) for Elements in SRM 2706

Aluminum (Al) ..... 2.70 ± 0.19 %
Calcium (Ca) ..... 0.588 ± 0.046 %
Iron (Fe) ..... 2.22 ± 10.15 %
Magnesium (Mg) ..... 0.289 ± 0.014 %
Potassium (K) ..... 0.946 ± 0.028 %
Silicon (Si) ..... 39.17 ± 0.47 %
Sodium (Na) ..... 0.268 ± 0.012 %
Titanium (Ti) ..... 0.290 ± 0.042 %
Antimony (Sb) ..... 149 ± 0.11 mg/kg
Barium (Ba) ..... 319 ± 43 mg/kg
Chromium (Cr) ..... 60.1 ± 5.4 mg/kg
Cobalt (Co) ..... 5.99 ± 0.23 mg/kg
Copper (Cu) ..... 88.1 ± 6.8 mg/kg
Lead (Pb) ..... 653 ± 36 mg/kg
Manganese (Mn) ..... 244 ± 15 mg/kg
Mercury (Hg) ..... 0.1329 ± 0.0033 mg/kg
Nickel (Ni) ..... 22.8 ± 5.4 mg/kg
Phosphorus (P) ..... 407 ± 21 mg/kg
Rubidium (Rb) ..... 37.6 ± 1.9 mg/kg
Strontium (Sr) ..... 60.3 ± 3.1 mg/kg
Vanadium (V) ..... 51.9 ± 6.5 mg/kg
Zinc (Zn) ..... 135.4 ± 6.9 mg/kg
Mercury (Hg) ..... 303 ± 25 mg/kg

Soils

Code	Product	Unit
SRM 2709a	San Joaquin Soil	50 g

Certified value

Aluminum (Al) ..... 7.37 ± 0.16 %
Calcium (Ca) ..... 1.91 ± 0.09 %
Iron (Fe) ..... 3.36 ± 0.07 %
Magnesium (Mg) ..... 1.46 ± 0.02 %
Phosphorus (P) ..... 0.0688 ± 0.0013 %
Potassium (K) ..... 2.11 ± 0.06 %
Silicon (Si) ..... 30.3 ± 0.4 %
Sodium (Na) ..... 1.22 ± 0.03 %
Titanium (Ti) ..... 0.336 ± 0.007 %

Antimony (Sb) ..... 1.55 ± 0.06 mg/kg
Barium (Ba) ..... 979 ± 28 mg/kg
Cadmium (Cd) ..... 0.371 ± 0.002 mg/kg
Chromium (Cr) ..... 130 ± 9 mg/kg
Cobalt (Co) ..... 12.8 ± 0.2 mg/kg
Lead (Pb) ..... 17.3 ± 0.1 mg/kg
Manganese (Mn) ..... 529 ± 18 mg/kg
Strontium (Sr) ..... 239 ± 6 mg/kg
Vanadium (V) ..... 110 ± 11 mg/kg
Zirconium (Zr) ..... 195 ± 46 mg/kg

Results from Laboratories Participating in the EPA 3050B
Certified Values(mg/kg) ( ) Recovery %

Al	16000	(22)	Co	10	(81)	P	2900	(14)
An	1.4	(88)	Cu	27	(81)	Se	0.95	(63)
As	7.8	(74)	Fe	24000	(70)	Ag	0.64	(--)
Ba	380	(39)	Pb	9.2	(53)	Na	500	(4)
Be	0.61	(--)	Mg	10000	(71)	Tl 1.2		(200)
Cd	0.40	(110)	Mn	420.0	(79)	V	48	(44)

SRM 2710a — Montana I soil - Trace and constitutent elements (highly elevated) — 50 g

Certified Values	Mass Fraction (%)	Certified Values	Mass Fraction (mg/kg)
Al	5.95 ± 0.05 %	Sb	5.95 ± 0.05 mg/kg
As	0.154 ± 0.010 %	Ba	0.154 ± 0.010 mg/kg
Ca	0.964 ± 0.045 %	Cd	0.964 ± 0.045 mg/kg
Cu	0.342 ± 0.005 %	Co	0.342 ± 0.005 mg/kg
Fe.....	4.32 ± 0.08 %	La.....	4.32 ± 0.08 mg/kg
Pb	0.552 ± 0.003 %	Hg	0.552 ± 0.003 mg/kg
Mg	0.734 ± 0.038 %	Sr	0.214 ± 0.006 mg/kg
Mn	0.214 ± 0.006 %	U	0.105 ± 0.004 mg/kg
P	0.105 ± 0.004 %		
K	2.17 ± 0.13 %		
Si	31.1 ± 0.4 %		
Na	0.894 ± 0.019 %		
Ti	0.311 ± 0.007 %		
Zn	0.418 ± 0.015 %		

Results from Laboratories Participating in the EPA Contract Laboratory Program Study.

Certified Values (mg/kg)		Recovery (%)			
Al	10000 (17)	Be	0.48 (--)	Co	3.8 (64)
An	9.6 (18)	Cd	11 (86)	Cu	3300 (95)
As	1400 (92)	Ca	1800 (19)	Fe	34000 (79)
Ba	510 (65)	Cr	10 (41)	Pb	5100 (93)

Soils

Code	Product	Unit

Mg ..... 3500 (48) P ..... 4100 (19) Tl 3.2 (213)
Mn ..... 1700 (77) Se ..... 2.0 (200) V 38 (48)
Hg ..... 10 (104) Ag ..... 36 (91) Zn 3900 (90)
Ni ..... 5.5 (69) Na 590 (7)

SRM 2711a — Montana II Soil - Trace and constituent elements (mod. elevated) — 50 g

Certified Values	Mass Fraction (%)
Al	5.95 ± 0.05 %
Ca	0.154 ± 0.010 %
Fe	0.964 ± 0.045 %
Pb	0.342 ± 0.005 %
Mg	4.32 ± 0.08 %
K	0.552 ± 0.003 %
Si	0.734 ± 0.038 %
Na	0.214 ± 0.006 %
Ti	0.105 ± 0.004 %

Certified Values	Mass Fraction (mg/kg)
Sb	23.8 ± 1.4 mg/kg
As	107 ± 5 mg/kg
Ba	730 ± 15 mg/kg
Cd	54.1 ± 0.5 mg/kg
Cr	52.3 ± 2.9 mg/kg
Co	9.89 ± 0.18 mg/kg
Cu	140 ± 2 mg/kg
Mn	675 ± 18 mg/kg
Hg	7.42 ± 0.18 mg/kg
Ni	21.7 ± 0.7 mg/kg
P	842 ± 11 mg/kg
Sm	5.93 ± 0.28 mg/kg
Sr	242 ± 10 mg/kg
U	3.01 ± 0.12 mg/kg
V	80.7 ± 5.7 mg/kg
Zn	414 ± 11 mg/kg

Results from Laboratories Participating in the EPA Contract Laboratory Program Study.

Certified Values (mg/kg)	Recovery (%)

Al ..... 13200 (19) Be ..... 0.93 (--) Co 7.5 (75)
An ..... 4.9 (21) Cd ..... 47 (90) Cu 130 (95)
As ..... 89 (85) Ca ..... 14000 (61) Fe 15000 (54)
Ba ..... 190 (25) Cr ..... 15 (29) Pb 1300 (91)
Mg ..... 5700 (54) P ..... 3900 (16) Tl 2.1 (68)
Mn ..... 460 (71) Se ..... 1.7 (85) V 28 (36)
Hg ..... 7.4 (100) Ag ..... 5.5 (89) Zn 350 (85)
Ni ..... 15 (72) Na 180 (1.5)

CRM304-30G — BTEX - Clay 1 — pkg of 30 g

Certified Values (mg/kg)

Benzene 7.530
Ethylbenzene 5.210
Naphthalene 1.440
Toluene 24.50
m+p-Xylene 20.20
o-Xylene 7.420
Xylene,total 28.70

VPH Aliphatic C5-C8 ..... 139.0
VPH Aliphatic C9-C12 ..... 96.2
VPH Aliphatic C9-C10 ..... 36.9
GRO* 296.0
GRO, C6-C10 ..... 257.0
GRO, C5-C10 ..... 225.0
GRO, C6-C12 ..... 282.0
GRO*, C4-C12 ..... 308.0

Soils

Code	Product	Unit
LGC 6145	**Contaminated clay loam soil - Extractable** Certified value (mg/kg) Arsenic ..... 38.7 Cadmium ..... 0.65 Chromium ..... 47.6 Copper ..... 62.2 Lead ..... 45.1 Nickel ..... 39.0 Selenium ..... 1.81 Vanadium ..... 53.9 Zinc 137	50 g
RTC-CRM041	**Soil - Hexavalent Chromium VI** Certified Values (mg/kg) Cr +6 ..... 91.40	50 g

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