C&G Containers Scientific "The Total Package!"

TERRA CORE™ KIT

PROTOCOL CERTIFICATE WITH INSTRUCTIONS

Enclosed Materials:

1 each Two-piece disposable soil sample (Terra Core™ sampler) [X] 5 Gram [ ] 10 Gram

[X] 60cc Amber Glass W/M [ ] 2oz Clear AC Glass [ ] Other

Note: This container may be used for screening and/or % moisture/solids determination.

(1) each **Methanol** [ ] No Preservative

[X] 5mLs [ ] 10mLs [ ] 15mLs [ ] Grams [ ] Other:

Available Preservatives:
Methanol
Deionized Water

Sodium Bisulfate Solution
Sodium Phosphate Tribasic Solution
Sodium Phosphate Tribasic Crystal

Stirbars: **No**
Barcoded: **Yes**
Tared-Weight: **Yes**

(2) each **DI Water** [ ] No Preservative

[X] 5mLs [ ] 10mLs [ ] 15mLs [ ] Grams [ ] Other:

Available Preservatives:
Methanol
Deionized Water

Sodium Bisulfate Solution
Sodium Phosphate Tribasic Solution
Sodium Phosphate Tribasic Crystal

Stirbars: **Yes**
Barcoded: **Yes**
Tared-Weight: **Yes**

each [ ] No Preservative

[ ] 5mLs [ ] 10mLs [ ] 15mLs [ ] Grams [ ] Other:

Available Preservatives:
Methanol
Deionized Water

Sodium Bisulfate Solution
Sodium Phosphate Tribasic Solution
Sodium Phosphate Tribasic Crystal

Stirbars:
Barcoded:
Tared-Weight:

Cleaning Protocol/Lot # and Chemical Traceability # for Glass Only Containers

Item:	40 ml Clear Vial (R)	40 ml Clear Vial (W)		60cc Amber Glass WM
Lot #:	100526-3YJ	100526-3YJ		100526-5
	LKS040102001	LKS040102001		LKS040102001
Protocol/Level:	B/1	B/1		L3
Traceability #:	24028631	100526-3		N/A
Chemical Expiry Date:	03/18/31	10/06/27		N/A

Recommended Procedural Steps:

1. Have a 40 ml. VOA vial containing the applicable preservative chemical. With the plunger seated in the handle, push the Terra Core™ sampler into the exposed soil type until the chamber is filled. A filled chamber will deliver approximately 5 or 10 grams, but this is dependent on the density of the soil and the syringe size.
2. The soil plug collected should be flush with the open end of the sampler. Wipe away all solids or debris from the outside of the sampler as quickly as possible. (Remove any excess solids that extended beyond the opening of the chamber).
3. Rotate the plunger that was seated in the handle top 90° until it is aligned with the slots in the body. Place the open end of the sampler into the 40-ml vial(s) containing the applicable preservative chemical and slowly extrude the soil plug by pushing the plunger down. (Please note that it may be appropriate to tilt the 40 ml vial as the plug is being delivered to reduce splashing of the preservative chemical). Wipe away any soil or debris from the threads of the vial(s) and quickly place the closure back onto the vial.

Special Notes:

- Each C & G Container's Terra Kit is enclosed in a 2 mil zip top bag.
- The C & G Container's Terra Kit is designed and prepared to hold each initial tared weight measurement as not to exceed a 0.199-gram loss/gain difference from the initial tared weight for six (6) months from the date the kit was prepared.
- The C & G Container Terra Core Kits should be stored in a cool atmosphere and out of direct sunlight.

Should a problem exist or any questions arise, don't hesitate in contacting our technical staff at (800)396-7123.

Chief Executive Officer

Product processed at:
2202 I-49 N. Service Rd.
Opelousas LA 70570 USA
Revision 031020-01sf

C&G Containers Scientific
"The Total Package!"

Office: 337-237-7123
P.O. Box 2003
Lafayette, LA 70502

Toll Free: 800-396-7123

Fax: 337-237-8712
2202 I-49 N. Service Rd.
Opelousas, La. 70570

CERTIFICATE OF ANALYSIS

This "Certificate of Analysis" represents a precleaned product that has been prepared in accordance with Performance-Based specifications. This product meets or exceeds analyte specifications established in the U. S. EPA OSWER Directive 9240.0-05A "Specification and Guidance for Contaminant-free Sample Containers" for use in Superfund and other Hazardous waste programs.

Group 3 Volatile Organic Compounds (VOCs) - Medium Level

Analyte	RL ug/Kg	Analyte	RL ug/Kg	Analyte	RL ug/Kg
Acetone	1300 U	trans-1,2-Dichloroethylene	50 U	n-Propylbenzene	250 U
Benzene	25 U	1,2-Dichloropropane	50 U	Styrene	50 U
Bromobenzene	50 U	1,3-Dichloropropane	50 U	Tert-Amyl Alcohol	500 U
Bromochloromethane	50 U	2,2-Dichloropropane	50 U	Tert-Amyl Methyl Ether	50 U
Bromodichloromethane	50 U	1,1-Dichloropropene	50 U	Tert-Butyl Alcohol	2500 U
Bromoform	50 U	cis-1,3-Dichloropropene	50 U	1,1,1,2-Tetrachloroethane	50 U
n-Butylbenzene	250 U	trans-1,3-Dichloropropene	50 U	1,1,2,2-Tetrachloroethane	50 U
sec-Butylbenzene	250 U	Di-Isopropyl Ether	50 U	Tetrachloroethylene	50 U
tert-Butylbenzene	50 U	Ethyl Acetate	50 U	Toluene	250 U
Carbon Disulfide	50 U	Ethyl Alcohol	20000 U	1,2,3-Trichlorobenzene	250 U
Carbon Tetrachloride	50 U	Ethylbenzene	50 U	1,2,4-Trichlorobenzene	250 U
Chlorobenzene	50 U	Ethyl Tert-Butyl Ether	250 U	1,1,1-Trichloroethane	50 U
Chloroethane	50 U	2-Hexanone	630 U	1,1,2-Trichloroethane	50 U
Chloroform	50 U	Hexachlorobutadiene	250 U	Trichloroethylene	50 U
2-Chlorotoluene (ortho)	250 U	Isopropyl Alcohol	2500 U	Trichlorofluoromethane	50 U
4-Chlorotoluene (para)	250 U	Isopropylbenzene	250 U	1,2,3-Trichloropropane	250 U
Dibromochloromethane	50 U	p-Isopropyltoluene	250 U	1,2,4-Trimethylbenzene	250 U
1,2-Dibromo-3-chloropropane	250 U	Methyl Acetate	500 U	1,3,5-Trimethylbenzene	250 U
1,2-Dibromoethane	50 U	Methyl Bromide	500 U	Vinyl Acetate	250 U
Dichlorodifluoromethane	50 U	Methyl Chloride	250 U	Vinyl Chloride	50 U
1,3-Dichlorobenzene (meta)	50 U	Methylene Bromide	50 U	m,p-Xylene	100 U
1,2-Dichlorobenzene (ortho)	50 U	Methylene Chloride	250 U	o-Xylene	50 U
1,4-Dichlorobenzene (para)	50 U	Methyl Ethyl Ketone	630 U	Xylene (total)	100 U
1,1-Dichloroethane	50 U	4-Methyl-2-pentanone	630 U		
1,2-Dichloroethane	50 U	Methyl Tert Butyl Ether	50 U		
1,1-Dichloroethylene	50 U	Naphthalene	250 U		
cis-1,2-Dichloroethylene	50 U				

NOTES:
a. Reporting Limit (RL) = The lowest concentration standard analyzed which can be verified.
b. U = The analyte was analyzed for but not detected above the Reporting Limit.
c. U* = No analytes were detected; No Reporting Limits for these analytes.
d. Bottles are Type III Soda Lime and vials are Type I Borosilicate.
e. Storage: Store at 85F or 29.4C. Keep away from organic vapors.

This "Certificate of Analysis" is provided for your records and is used to facilitate any required correspondences as needed.

Item Description: 40 mL Clear Vials

Lot Number: 100526-3YJ LKS040102001

Protocol: B **Level:** 1

Group: 3 (applies)

Date Product Prepared: 10/06/26

Product Expiry Date: 10/06/27

Lane Breaux **Chief Executive Officer**

Product processed at:
2202 I-49 N. Service Rd.
Opelousas LA 70570 USA

C&G Containers Scientific
"The Total Package!"

Office: 337-237-7123
P.O. Box 2003
Lafayette, LA 70502

Toll Free: 800-396-7123

Fax: 337-237-8712
2202 I-49 N. Service Rd.
Opelousas, La. 70570

CERTIFICATE OF ANALYSIS

This "Certificate of Analysis" represents a precleaned product that has been prepared in accordance with Performance-Based specifications. This product meets or exceeds analyte specifications established in the U. S. EPA OSWER Directive 9240.0-05A "Specification and Guidance for Contaminant-free Sample Containers" for use in Superfund and other Hazardous waste programs.

Group 3 Volatile Organic Compounds (VOCs) - Low Level

Analyte	RL ug/Kg	Analyte	RL ug/Kg	Analyte	RL ug/Kg
Acetone	25 U	trans-1,2-Dichloroethylene	1.0 U	n-Propylbenzene	5.0 U
Benzene	0.50 U	1,2-Dichloropropane	1.0 U	Styrene	1.0 U
Bromobenzene	1.0 U	1,3-Dichloropropane	1.0 U	Tert-Amyl Alcohol	10 U
Bromochloromethane	1.0 U	2,2-Dichloropropane	1.0 U	Tert-Amyl Methyl Ether	1.0 U
Bromodichloromethane	1.0 U	1,1-Dichloropropene	1.0 U	Tert-Butyl Alcohol	50 U
Bromoform	1.0 U	cis-1,3-Dichloropropene	1.0 U	1,1,1,2-Tetrachloroethane	1.0 U
n-Butylbenzene	5.0 U	trans-1,3-Dichloropropene	1.0 U	1,1,2,2-Tetrachloroethane	1.0 U
sec-Butylbenzene	5.0 U	Di-Isopropyl Ether	1.0 U	Tetrachloroethylene	1.0 U
tert-Butylbenzene	1.0 U	Ethyl Acetate	10 U	Toluene	5.0 U
Carbon Disulfide	1.0 U	Ethyl Alcohol	400 U	1,2,3-Trichlorobenzene	5.0 U
Carbon Tetrachloride	1.0 U	Ethylbenzene	1.0 U	1,2,4-Trichlorobenzene	5.0 U
Chlorobenzene	1.0 U	Ethyl Tert-Butyl Ether	5.0 U	1,1,1-Trichloroethane	1.0 U
Chloroethane	1.0 U	2-Hexanone	13 U	1,1,2-Trichloroethane	1.0 U
Chloroform	1.0 U	Hexachlorobutadiene	5.0 U	Trichloroethylene	1.0 U
2-Chlorotoluene (ortho)	5.0 U	Isopropyl Alcohol	50 U	Trichlorofluoromethane	1.0 U
4-Chlorotoluene (para)	5.0 U	Isopropylbenzene	5.0 U	1,2,3-Trichloropropane	5.0 U
Dibromochloromethane	1.0 U	p-Isopropyltoluene	5.0 U	1,2,4-Trimethylbenzene	5.0 U
1,2-Dibromo-3-chloropropane	5.0 U	Methyl Acetate	10 U	1,3,5-Trimethylbenzene	5.0 U
1,2-Dibromoethane	1.0 U	Methyl Bromide	10 U	Vinyl Acetate	5.0 U
Dichlorodifluoromethane	1.0 U	Methyl Chloride	5.0 U	Vinyl Chloride	1.0 U
1,3-Dichlorobenzene (meta)	1.0 U	Methylene Bromide	1.0 U	m,p-Xylene	2.0 U
1,2-Dichlorobenzene (ortho)	1.0 U	Methylene Chloride	5.0 U	o-Xylene	1.0 U
1,4-Dichlorobenzene (para)	1.0 U	Methyl Ethyl Ketone	13 U	Xylene (total)	2.0 U
1,1-Dichloroethane	1.0 U	4-Methyl-2-pentanone	13 U		
1,2-Dichloroethane	1.0 U	Methyl Tert Butyl Ether	1.0 U		
1,1-Dichloroethylene	1.0 U	Naphthalene	5.0 U		
cis-1,2-Dichloroethylene	1.0 U				

NOTES:
a. Reporting Limit (RL) = The lowest concentration standard analyzed which can be verified.
b. U = The analyte was analyzed for but not detected above the Reporting Limit.
c. U* = No analytes were detected; No Reporting Limits for these analytes.
d. Bottles are Type III Soda Lime and vials are Type I Borosilicate.
e. Storage: Store at 85F or 29.4C. Keep away from organic vapors.

This "Certificate of Analysis" is provided for your records and is used to facilitate any required correspondences as needed.

Item Description: 40 mL Clear Vials

Lot Number: 100526-3YJ LKS040102001

Protocol: B **Level:** 1

Group: 3 (applies)

Date Product Prepared: 10/06/26

Product Expiry Date: 10/06/27

Lee Grange **Chief Executive Officer**

Product processed at:
2202 I-49 N. Service Rd.
Opelousas LA 70570 USA

TerraCore Kit B LL
Revision 031020-12sf