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AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.
4203 West Swift ▼ Fresno, California 93722 ▼ Phone 559.275-2175 ▼ Fax 559.275-4422

February 14, 2007

Trace Analysis, Inc
6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424

Attn: Nell Green

Subject: Report of Data: 52600

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Ms. Green:

One soil and two water samples were received January 16, 2007, in good condition. Written results are being provided on this February 14, 2007, for the requested analyses. All holding times were met.

For the EPA 8141A TCLP analysis, the sample was leached according to EPA method 1311, and the leachate was extracted according to EPA method 3510C. Both surrogates recovered above their upper control limits in the sample, method blank and lab control spike. In the LCS, Dimethoate, Ethion, Ethoprop, Mevinphos, Prowl, and Trifluralin recovered above their upper control limits. All other spike recoveries were within acceptance limits. No target compound was detected in the sample.

For the EPA 8151A TCLP analysis, the sample was leached according to EPA method 1311, and the leachate was extracted according to EPA method 8151A. Due to problems with the first extraction set, the sample was re-extracted. Pentachlorophenol recovered below the 40% lower control limit in the LCS. The sample was not extracted a third time. Sample results from both extractions were non-detect.

For the EPA 8321A TCLP analysis, the sample was leached according to EPA method 1311, and the leachate was extracted according to EPA method 3510C. An MS/MSD was performed on the sample. Two compounds recovered high in the MSD; two RPDs exceeded the 25%RPD limit; and the surrogate Isoxaben recovered high.

For the EPA 314.0 analysis, the water sample was prepared according to the method. Due to high electrical conductivity values, the samples were diluted 20 fold. The PQLs were adjusted accordingly.

No other unusual problems or complications were encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

Sincerely,

Leonard Fong, Ph.D, Laboratory Director
APPL, Inc.

LF/rp
Enclosure
cc: file

Number of pages in this report: 20

52600 Green Lubbock.doc

EPA 8141A OP Pesticide TCLP

TRACE ANALYSIS, INC.
6701 ABERDEEN AVE. SUITE 9
LUBBOCK, TEXAS 79424

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: NELL GREEN

Project: LUBBOCK , TEXAS

ARF: 52600

Sample ID: 113685-5

APPL ID: AX55550

Sample Collection Date: 01/09/07

QCG: $8141T-070123A-109410

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A/	Azinphosmethyl	Not detected	5.0	ug/L	01/23/07	02/02/07
EPA 8141A/	Bolstar	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Chlorpyrifos	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Coumaphos	Not detected	1.0	ug/L	01/23/07	02/02/07
EPA 8141A/	Def	Not detected	0.50	ug/L	01/23/07	02/02/07
EPA 8141A/	Demeton (Total)	Not detected	1.0	ug/L	01/23/07	02/02/07
EPA 8141A/	Diazinon	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Dichlorvos	Not detected	1.0	ug/L	01/23/07	02/02/07
EPA 8141A/	Dimethoate	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Disulfoton	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	EPN	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Ethion	Not detected	0.50	ug/L	01/23/07	02/02/07
EPA 8141A/	Ethoprop	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Fensulfothion	Not detected	2.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Fenthion	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Malathion	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Merphos	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Mevinphos	Not detected	3.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Naled	Not detected	2.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Parathion, ethyl	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Parathion, methyl	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Phorate	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Prowl (Pendimethalin)	Not detected	0.50	ug/L	01/23/07	02/02/07
EPA 8141A/	Ronnel	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Stirophos	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Sulfotep	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Tokuthion	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Trichloronate	Not detected	0.5	ug/L	01/23/07	02/02/07
EPA 8141A/	Trifluralin	Not detected	0.50	ug/L	01/23/07	02/02/07
EPA 8141A/	Surrogate: Tributylphosphate	170 #	56-129	%	01/23/07	02/02/07
EPA 8141A/	Surrogate: Triphenylphosphate	157 #	52-121	%	01/23/07	02/02/07

= Recovery (or RPD) is outside QC limits.

Run #: 74
Instrument: NPD04
Sequence: 070131
Dilution Factor: 1
Initials: JT

Printed: 02/02/07 12:04:37 PM
Form 1 - APPL Standard GC - No MC

TCLP Herbicides 8151A

TRACE ANALYSIS, INC.
6701 ABERDEEN AVE. SUITE 9
LUBBOCK, TEXAS 79424

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: NELL GREEN

Project: LUBBOCK , TEXAS

ARF: 52600

Sample ID: 113685-5

APPL ID: AX55550

Sample Collection Date: 1/9/07

QCG: $TCLPH-070129AA-10942

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8151A/	2,4,5-TP	Not detected	0.10	ug/L	1/23/07	1/31/07
EPA 8151A/	2,4-D	Not detected	0.50	ug/L	1/23/07	1/31/07
EPA 8151A/	Pentachlorophenol	Not detected	0.10	ug/L	1/23/07	1/31/07
EPA 8151A/	Surrogate recovery: 2,4-DCAA	54.7	33-154	%	1/23/07	1/31/07

Run #: 11
Instrument: HERBIE
Sequence: 070131B
Dilution Factor: 1
Initials: SC

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Form 1 - APPL Standard GC - No MC

EPA 8321A TCLP

TRACE ANALYSIS, INC.
6701 ABERDEEN AVE. SUITE 9
LUBBOCK, TEXAS 79424

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: NELL GREEN

Project: LUBBOCK , TEXAS

ARF: 52600

Sample ID: 113685-5

APPL ID: AX55550

Sample Collection Date: 01/09/07

QCG: $8321T-070123A-109648

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8321A	Aldicarb	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Aminocarb	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Barban	Not detected	10	ug/L	01/23/07	02/09/07
EPA 8321A	Benomyl/Carbendazim	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Bromacil	Not detected	5	ug/L	01/23/07	02/09/07
EPA 8321A	Carbaryl	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Carbofuran	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Chloroxuron	Not detected	2	ug/L	01/23/07	02/09/07
EPA 8321A	Chlorpropham	Not detected	2	ug/L	01/23/07	02/09/07
EPA 8321A	Diuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Fenuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Fluometuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Linuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Methiocarb	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Methomyl	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Mexacarbate	Not detected	2	ug/L	01/23/07	02/09/07
EPA 8321A	Monuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Neburon	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Oryzalin	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Oxamyl	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Propachlor	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Propham	Not detected	2	ug/L	01/23/07	02/09/07
EPA 8321A	Propoxur	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Siduron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Tebuthiuron	Not detected	1	ug/L	01/23/07	02/09/07
EPA 8321A	Surrogate: Isoxaben	128	47-134	%	01/23/07	02/09/07
EPA 8321A	Surrogate: Tributyl_phosphate	91.9	36-140	%	01/23/07	02/09/07

Run #: >LQ0208_38
Instrument: AGIL_1100
Sequence: LQ020807
Dilution Factor: 1
Initials: MP

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Form 1 - APPL Standard GC - No MC

Wetlab Results

ARF: 52600

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

TRACE ANALYSIS, INC.
6701 ABERDEEN AVE. SUITE 9
LUBBOCK, TEXAS 79424

Attn: NELL GREEN

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
APPL ID: AX55549	-Client Sample ID: 113772-1		-Sample Collection Date: 1/11/07		Project: LUBBOCK , TEXAS	
EPA 314.0	Perchlorate	Not detected	60.0	ug/L	1/25/07	1/25/07
APPL ID: AX55551	-Client Sample ID: 113774-1		-Sample Collection Date: 1/11/07		Project: LUBBOCK , TEXAS	
EPA 314.0	Perchlorate	Not detected	60.0	ug/L	1/25/07	1/25/07

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Method Blank

EPA 8141A OP Pesticide TCLP

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Blank Name/QCG: 070123S-55550 - 109410
Batch ID: $8141T-070123A

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Azinphosmethyl	Not detected	5.0	ug/L	01/23/07	02/02/07
BLANK	Bolstar	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Chlorpyrifos	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Coumaphos	Not detected	1.0	ug/L	01/23/07	02/02/07
BLANK	Def	Not detected	0.50	ug/L	01/23/07	02/02/07
BLANK	Demeton (Total)	Not detected	1.0	ug/L	01/23/07	02/02/07
BLANK	Diazinon	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Dichlorvos	Not detected	1.0	ug/L	01/23/07	02/02/07
BLANK	Dimethoate	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Disulfoton	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	EPN	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Ethion	Not detected	0.50	ug/L	01/23/07	02/02/07
BLANK	Ethoprop	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Fensulfothion	Not detected	2.5	ug/L	01/23/07	02/02/07
BLANK	Fenthion	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Malathion	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Merphos	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Mevinphos	Not detected	3.5	ug/L	01/23/07	02/02/07
BLANK	Naled	Not detected	2.5	ug/L	01/23/07	02/02/07
BLANK	Parathion, ethyl	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Parathion, methyl	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Phorate	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Prowl (Pendimethalin)	Not detected	0.50	ug/L	01/23/07	02/02/07
BLANK	Ronnel	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Stirophos	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Sulfotep	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Tokuthion	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Trichloronate	Not detected	0.5	ug/L	01/23/07	02/02/07
BLANK	Trifluralin	Not detected	0.50	ug/L	01/23/07	02/02/07
BLANK	Surrogate: Tributylphosphate	138 #	56-129	%	01/23/07	02/02/07
BLANK	Surrogate: Triphenylphosphate	501 #	52-121	%	01/23/07	02/02/07

= Recovery (or RPD) is outside QC limits.

Run #: 71
Instrument: NPD04
Sequence: 070131
Initials: JT

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Laboratory Control Spike Recovery
EPA 8141A OP Pesticide TCLP

APPL ID: **070123S-55550 LCS - 109410**
Batch ID: $8141T-070123A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Azinphosmethyl	5.00	2.57	51.4	31-145
Bolstar	2.50	1.92	76.8	47-118
Chlorpyrifos	2.50	2.77	111	45-124
Coumaphos	25.0	28.3	113	50-140
Def	5.00	5.28	106	40-167
Demeton (Total)	5.00	3.78	75.6	17-107
Diazinon	2.50	2.78	111	45-116
Dichlorvos	5.00	7.41	148	47-154
Dimethoate	2.50	4.14	166 #	63-147
Disulfoton	5.00	3.64	72.8	46-129
EPN	5.00	6.34	127	48-165
Ethion	5.00	5.39	108 #	60-106
Ethoprop	2.50	3.09	124 #	49-120
Fensulfothion	25.0	24.3	97.2	21-180
Fenthion	5.00	4.53	90.6	46-142
Malathion	5.00	6.31	126	61-136
Merphos	10.0	12.1	121	31-164
Mevinphos	5.00	8.43	169 #	53-143
Naled	10.0	6.39	63.9	16-280
Parathion, ethyl	5.00	6.16	123	54-148
Parathion, methyl	2.50	2.83	113	39-126
Phorate	2.50	2.20	88.0	37-111
Prowl (Pendimethalin)	2.50	3.45	138 #	41-104
Ronnel	5.00	5.75	115	47-132
Stirophos	10.0	15.8	158	25-177
Sulfotep	5.00	5.61	112	49-138

= Recovery is outside QC limits.

Comments:

Primary	SPK
Extraction Date :	1/23/07
Analysis Date :	2/2/07
Instrument :	NPD04
Run :	72,73
Initials :	JT

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APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8141A OP Pesticide TCLP

APPL ID: **070123S-55550 LCS - 109410**
Batch ID: $8141T-070123A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Tokuthion	2.50	2.54	102	26-143
Trichloronate	5.00	6.59	132	49-141
Trifluralin	2.50	3.35	134 #	33-100
Surrogate: Tributylphosphate	5.00	10.2	204 #	56-129
Surrogate: Triphenylphosphate	5.00	17.7	354 #	52-121

= Recovery is outside QC limits.

Comments:

Primary	SPK
Extraction Date :	1/23/07
Analysis Date :	2/2/07
Instrument :	NPD04
Run :	72,73
Initials :	JT

Printed: 2/5/07 12:32:21 PM

APPL Standard LCS

Method Blank

TCLP Herbicides 8151A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Blank Name/QCG: **070123S-55550 - 109429**
Batch ID: $TCLPH-070129AA

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	2,4,5-TP	Not detected	0.10	ug/L	1/23/07	1/31/07
BLANK	2,4-D	Not detected	0.50	ug/L	1/23/07	1/31/07
BLANK	Pentachlorophenol	Not detected	0.10	ug/L	1/23/07	1/31/07
BLANK	Surrogate recovery: 2,4-DCAA	68.0	33-154	%	1/23/07	1/31/07

Run #: 9
Instrument: HERBIE
Sequence: 070131B
Initials: SC

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Laboratory Control Spike Recovery

TCLP Herbicides 8151A

APPL ID: **070123S-55550 LCS - 109429**
Batch ID: $TCLPH-070129AA

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
2,4,5-TP	0.640	0.365	57.0	40-160
2,4-D	3.20	1.71	53.4	40-160
Pentachlorophenol	0.640	0.209	32.7 #	40-160
2,4-DCAA(S)	3.2	1.81	56.6	33-154

= Recovery is outside QC limits.

Comments:

Primary	SPK
Extraction Date :	1/23/07
Analysis Date :	1/31/07
Instrument :	HERBIE
Run :	10
Initials :	SC

Printed: 2/7/07 11:10:05 AM

APPL Standard LCS

Method Blank
EPA 8321A TCLP

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Blank Name/QCG: **070123S - 109429**
Batch ID: $TCLPH-070129AA

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Aldicarb	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Aminocarb	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Barban	Not detected	5	ug/L	1/23/2007	2/9/2007
BLANK	Benomyl/Carbendazim	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Bromacil	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Carbaryl	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Carbofuran	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Chloroxuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Chlorpropham	Not detected	2	ug/L	1/23/2007	2/9/2007
BLANK	Diuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Fenuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Fluometuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Linuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Methiocarb	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Methomyl	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Mexacarbate	Not detected	2	ug/L	1/23/2007	2/9/2007
BLANK	Monuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Neburon	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Oryzalin	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Oxamyl	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Propachlor	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Propham	Not detected	2	ug/L	1/23/2007	2/9/2007
BLANK	Propoxur	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Siduron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Tebuthiuron	Not detected	1	ug/L	1/23/2007	2/9/2007
BLANK	Surrogate: Isoxaben	79.9	47-134	%	1/23/2007	2/9/2007
BLANK	Surrogate: Tributyl_phosphate	69.7	36-140	%	1/23/2007	2/9/2007

Run #: >LQ0208_37
Instrument: AGIL_1100
Sequence: LQ020807
Initials: MP

Printed: 2/14/2007 2:00:00 PM

Laboratory Control Spike Recovery
EPA 8321A TCLP

APPL ID: **070123S-55550 LCS - 109648**
Batch ID: $8321T-070123A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Aldicarb	1.00	0.757	75.7	31-133
Aminocarb	2.00	1.18	59.0	31-133
Barban	5.00	6.71	134	40-136
Benomyl/Carbendazim	2.00	1.30	65.0	10-137
Bromacil	2.00	1.80	90.0	52-127
Carbaryl	1.00	0.775	77.5	44-133
Carbofuran	1.00	0.802	80.2	36-165
Chloroxuron	2.00	2.28	114	31-133
Chlorpropham	2.00	1.75	87.5	47-130
Diuron	2.00	1.65	82.5	52-136
Fenuron	2.00	1.61	80.5	37-132
Fluometuron	2.00	1.82	91.0	49-144
Linuron	2.00	1.92	96.0	49-144
Methiocarb	1.00	0.729	72.9	35-142
Methomyl	1.00	0.967	96.7	23-152
Mexacarbate	2.00	1.20	60.0	55-126
Monuron	2.00	1.72	86.0	53-130
Neburon	2.00	1.78	89.0	49-137
Oryzalin	1.00	1.02	102	31-133
Oxamyl	2.00	1.31	65.5	10-117
Propachlor	2.00	1.57	78.5	31-133
Propham	2.00	1.56	78.0	54-123
Propoxur	1.00	0.849	84.9	56-121
Siduron	2.00	1.54	77.0	31-133
Tebuthiuron	2.00	1.51	75.5	49-136
Surrogate: Isoxaben	2.00	1.73	86.5	47-134

Comments: _____

Primary	SPK
Extraction Date :	01/23/07
Analysis Date :	02/08/07
Instrument :	AGIL_1100
Run :	>LQ0208_31
Initials :	MP

Printed: 02/14/07 4:00:12 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8321A TCLP

APPL ID: **070123S-55550 LCS - 109648**
Batch ID: $8321T-070123A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Surrogate: Tributyl_phosphate	2.00	1.40	70.0	36-140

Comments:

Primary	SPK
Extraction Date :	01/23/07
Analysis Date :	02/08/07
Instrument :	AGIL_1100
Run :	>LQ0208_31
Initials :	MP

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APPL Standard LCS

Matrix Spike Recoveries

EPA 8321A TCLP

APPL ID: **070123S-55550 MS - 109648**
Batch ID: $8321T-070123A
Sample ID: AX55550
Client ID: 113685-5

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Lvl ug/L	Matrix Result ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
Aldicarb	2.00	ND	1.48	1.67	74.0	83.5	31-133	12.1	25
Aminocarb	4.00	ND	4.01	2.78	100	69.5	31-133	36.2 #	25
Barban	10.00	ND	10.1	10.9	101	109	40-136	7.6	25
Benomyl/Carbendazim	4.00	ND	3.36	4.10	84.0	102	10-137	19.8	25
Bromacil	4.00	ND	4.81	5.77	120	144 #	52-127	18.1	25
Carbaryl	2.00	ND	1.41	1.38	70.5	69.0	44-133	2.2	25
Carbofuran	2.00	ND	1.96	1.95	98.0	97.5	36-165	0.51	25
Chloroxuron	4.00	ND	2.29	3.04	57.3	76.0	31-133	28.1 #	25
Chlorpropham	4.00	ND	2.50	2.77	62.5	69.3	47-130	10.2	25
Diuron	4.00	ND	2.70	3.14	67.5	78.5	52-136	15.1	25
Fenuron	4.00	ND	3.12	3.57	78.0	89.3	37-132	13.5	25
Fluometuron	4.00	ND	2.74	3.15	68.5	78.8	49-144	13.9	25
Linuron	4.00	ND	3.05	3.00	76.3	75.0	49-144	1.7	25
Methiocarb	2.00	ND	1.26	1.26	63.0	63.0	35-142	0.0	25
Methomyl	2.00	ND	2.09	2.35	105	118	23-152	11.7	25
Mexacarbate	4.00	ND	3.71	4.20	92.8	105	55-126	12.4	25
Monuron	4.00	ND	2.80	2.89	70.0	72.3	53-130	3.2	25
Neburon	4.00	ND	4.11	3.98	103	99.5	49-137	3.2	25
Oryzalin	2.00	ND	2.24	3.12	112	156 #	31-133	32.8 #	25
Oxamyl	4.00	ND	3.04	3.54	76.0	88.5	10-117	15.2	25
Propachlor	4.00	ND	2.68	2.58	67.0	64.5	31-133	3.8	25
Propham	4.00	ND	2.58	2.52	64.5	63.0	54-123	2.4	25
Propoxur	2.00	ND	1.76	2.08	88.0	104	56-121	16.7	25
Siduron	4.00	ND	3.33	3.66	83.3	91.5	31-133	9.4	25
Tebuthiuron	4.00	ND	3.72	4.25	93.0	106	49-136	13.3	25

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Extraction Date :	01/23/07	01/23/07
Analysis Date :	02/08/07	02/09/07
Instrument :	AGIL_1100	AGIL_1100
Run :	>LQ0208_32	>LQ0208_34
Initials :	MP	

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APPL Standard MSD

Matrix Spike Recoveries

EPA 8321A TCLP

APPL ID: 070123S-55550 MS - 109648
Batch ID: $8321T-070123A
Sample ID: AX55550
Client ID: 113685-5

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Lvl ug/L	Matrix Result ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
Surrogate: Isoxaben	4.00	NA	5.44	5.94	136 #	149 #	47-134		
Surrogate: Tributyl_phosphate	4.00	NA	4.98	4.47	125	112	36-140		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Extraction Date :	01/23/07	01/23/07
Analysis Date :	02/08/07	02/09/07
Instrument :	AGIL_1100	AGIL_1100
Run :	>LQ0208_32	>LQ0208_34
Initials :	MP	

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APPL Standard MSD

WETLAB BLANK

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Method	Analyte	Result	PQL	Units	Prep Date	Anal Date	QC Group
EPA 314.0	Perchlorate	Not detected	3.0	ug/L	1/25/07	1/25/07	$314MW-070125A-AX5584

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Laboratory Control Spike Recoveries

WETLAB

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Method	Compound Name	Spike Lvl ug/L	SPK Res ug/L	DUP Res ug/L	SPK % Recov	DUP % Recov	RPD	RPD Max	QC Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group
EPA 314.0	Perchlorate	10.0	9.42	9.33	94.2	93.3	0.96	15	80-120	01/25/07	01/25/07	01/25/07	01/25/07	$314MW-070125A-AX558

Comments: _____

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APPL Standard LCSD

LAB Order ID #_____ Page_____ of _____

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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1 (800) 378-1296

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Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

6015 Harris Pkwy., Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

ompany Name: Phone #:

ddress: (Street, City, Zip) Fax #:

ontact Person: Nell Green E-mail:

voice to:
different from above)

oject #: Project Name:

oject Location (including state): Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE		PRESERVATIVE METHOD: HCl	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: H_2SO_4	PRESERVATIVE METHOD: NaOH	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE		SAMPLING: DATE	SAMPLING: TIME	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Perchlorate					Turn Around Time if different from standard	Hold
	113772-1	1		X									X	X		1-11-07																		X						
	113774-1	1		X									X	X		1-11-07																		X						

elinquished by: Vicki Hensley Date: 1-15-07 Time: Received by: Date: Time:

elinquished by: Date: Time: Received by: Date: Time:

elinquished by: Date: Time: Received at Laboratory by: Date: Time: 1/16/07 1030

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp °

Log-in-Review

REMARKS:

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

ubmittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier #

LAB Order ID # _____ Page _____ of _____

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ompany Name: Phone #:

ddress: (Street, City, Zip) Fax #:

ontact Person: Nell Green E-mail:

voice to: different from above)

oject #: Project Name:

oject Location (including state): Sampler Signature:

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(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCl	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: H_2SO_4	PRESERVATIVE METHOD: NaOH	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	SAMPLING: DATE	SAMPLING: TIME	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	8141A (Prep 95)	8151A (a TCLP)	8321A			Turn Around Time if different from standard	Hold
	113685-5	1			✓									1-9-07																			X	X	X				

elinquished by: Date: Time: Received by: Date: Time:

1-15-07

elinquished by: Date: Time: Received by: Date: Time:

elinquished by: Date: Time: Received at Laboratory by: Date: Time:

1/15/07 1030

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp °

Log-in-Review

REMARKS:

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier #

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ddress: (Street, City, Zip) Fax #:

ontact Person: Liz Owens E-mail:

voice to:
different from above)

roject #: Project Name:

roject Location (including state): Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

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	113685	1			✓									1-9-07																									

elinquished by: Date: 1-18-07 Time: Received by: Date: Time:

elinquished by: Date: Time: Received by: Date: Time:

elinquished by: Date: Time: Received at Laboratory by: Date: 1-19-07 Time: 10:00

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp ____ °

Log-in-Review ____

REMARKS:

Addional Sample see attached.

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier #

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