

Work Orders: 1A28043

Report Date: 2/23/2021

Project: 94912

Received Date: 1/28/2021

Turnaround Time: Normal

Phones: (559) 275-2175

Fax: (559) 275-4422

P.O. #: 00-94912

Attn: Libby Cheeseborough

Billing Code:

Client: APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143 • NJ-DEP #CA015

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Libby Cheeseborough,

Enclosed are the results of analyses for samples received 1/28/21 with the Chain-of-Custody document. The samples were received in good condition, at 1.8 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Regina M. Giancola
Project Manager





WECK LABORATORIES, INC.

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Certificate of Analysis

FINAL REPORT

Project Number: 94912

Reported:

02/23/2021 10:35

Project Manager: Libby Cheeseborough

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
BA26019, Alias: ERH1256	Client	1A28043-01	Water	01/26/21 08:45	
BA26020, Alias: ERH1257	Client	1A28043-02	Water	01/26/21 09:10	

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:

02/23/2021 10:35

Project Manager: Libby Cheeseborough

Sample Results

Sample: BA26019, Alias: ERH1256
1A28043-01 (Water)

Sampled: 01/26/21 8:45 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS						
Method: EPA 525.2		Instr: GCMS16				
Batch ID: W1B0571	Preparation: EPA 525.2/SPE	Prepared: 02/09/21 11:11		Analyst: rmr		
2,4-Dinitrotoluene	ND	2.0	ug/l	1	02/12/21	U-01
2,6-Dinitrotoluene	ND	2.0	ug/l	1	02/12/21	U-01
4,4'-DDD	ND	0.10	ug/l	1	02/12/21	U-01
4,4'-DDE	ND	0.20	ug/l	1	02/12/21	U-01
4,4'-DDT	ND	0.10	ug/l	1	02/12/21	U-01
Acenaphthene	ND	0.50	ug/l	1	02/12/21	U-01
Acenaphthylene	ND	0.50	ug/l	1	02/12/21	U-01
Acetochlor	ND	0.10	ug/l	1	02/12/21	U-01
Alachlor	ND	0.10	ug/l	1	02/12/21	U-01
Aldrin	ND	0.10	ug/l	1	02/12/21	U-01
alpha-BHC	ND	0.10	ug/l	1	02/12/21	U-01
alpha-Chlordane	ND	0.10	ug/l	1	02/12/21	U-01
Anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Atrazine	ND	0.10	ug/l	1	02/12/21	U-01
Benzo (a) anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (a) pyrene	ND	0.10	ug/l	1	02/12/21	U-01
Benzo (b) fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (g,h,i) perylene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (k) fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
beta-BHC	ND	0.20	ug/l	1	02/12/21	U-01
Bis(2-ethylhexyl)adipate	ND	5.0	ug/l	1	02/12/21	U-01
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l	1	02/12/21	U-01
Bromacil	ND	0.50	ug/l	1	02/12/21	U-01
Butachlor	ND	0.10	ug/l	1	02/12/21	U-01
Butyl benzyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Caffeine	ND	0.10	ug/l	1	02/12/21	U-01
Captan	ND	1.0	ug/l	1	02/12/21	U-01
Chlorpropham	ND	0.10	ug/l	1	02/12/21	U-01
Chrysene	ND	0.50	ug/l	1	02/12/21	U-01
Cyanazine	ND	0.10	ug/l	1	02/12/21	BS-04, U-01
delta-BHC	ND	0.10	ug/l	1	02/12/21	U-01
Diazinon	ND	0.10	ug/l	1	02/12/21	U-01
Dibenzo (a,h) anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Dieldrin	ND	0.20	ug/l	1	02/12/21	U-01
Diethyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:

02/23/2021 10:35

Project Manager: Libby Cheeseborough

Sample Results

(Continued)

Sample: BA26019, Alias: ERH1256
1A28043-01 (Water)

Sampled: 01/26/21 8:45 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS (Continued)						
Method: EPA 525.2		Instr: GCMS16				
Batch ID: W1B0571	Preparation: EPA 525.2/SPE	Prepared: 02/09/21 11:11			Analyst: rmr	
Dimethoate	ND	0.20	ug/l	1	02/12/21	U-01
Dimethyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Di-n-butyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Di-n-octyl phthalate	ND	0.50	ug/l	1	02/12/21	U-01
Diphenamid	ND	0.10	ug/l	1	02/12/21	U-01
Disulfoton	ND	0.10	ug/l	1	02/12/21	U-01
Endosulfan I	ND	1.0	ug/l	1	02/12/21	U-01
Endosulfan II	ND	0.20	ug/l	1	02/12/21	U-01
Endosulfan sulfate	ND	0.20	ug/l	1	02/12/21	U-01
Endrin	ND	0.20	ug/l	1	02/12/21	U-01
Endrin aldehyde	ND	0.20	ug/l	1	02/12/21	U-01
Endrin ketone	ND	0.10	ug/l	1	02/12/21	U-01
EPTC	ND	0.10	ug/l	1	02/12/21	U-01
Ethion	ND	0.10	ug/l	1	02/12/21	U-01
Fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
Fluorene	ND	0.50	ug/l	1	02/12/21	U-01
gamma-BHC (Lindane)	ND	0.10	ug/l	1	02/12/21	U-01
gamma-Chlordane	ND	0.10	ug/l	1	02/12/21	U-01
Heptachlor	ND	0.10	ug/l	1	02/12/21	U-01
Heptachlor epoxide	ND	0.10	ug/l	1	02/12/21	U-01
Hexachlorobenzene	ND	0.10	ug/l	1	02/12/21	U-01
Hexachlorocyclopentadiene	ND	1.0	ug/l	1	02/12/21	U-01
Indeno (1,2,3-cd) pyrene	ND	0.50	ug/l	1	02/12/21	U-01
Methoxychlor	ND	0.20	ug/l	1	02/12/21	U-01
Metolachlor	ND	0.10	ug/l	1	02/12/21	U-01
Metribuzin	ND	0.10	ug/l	1	02/12/21	U-01
Molinate	ND	0.10	ug/l	1	02/12/21	U-01
Naphthalene	ND	0.50	ug/l	1	02/12/21	U-01
Pentachloronitrobenzene (PCNB)	ND	0.10	ug/l	1	02/12/21	U-01
Pentachlorophenol	ND	1.0	ug/l	1	02/12/21	U-01
Phenanthrene	ND	0.50	ug/l	1	02/12/21	U-01
Prometon	ND	0.10	ug/l	1	02/12/21	U-01
Prometryn	ND	0.10	ug/l	1	02/12/21	U-01
Propachlor	ND	0.20	ug/l	1	02/12/21	U-01
Pyrene	ND	0.50	ug/l	1	02/12/21	U-01

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

Project Manager: Libby Cheeseborough

Sample Results

(Continued)

Sample: BA26019, Alias: ERH1256
1A28043-01 (Water)

Sampled: 01/26/21 8:45 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS (Continued)						
Method: EPA 525.2			Instr: GCMS16			
Batch ID: W1B0571		Preparation: EPA 525.2/SPE		Prepared: 02/09/21 11:11		Analyst: rmr
Simazine	ND	0.10	ug/l	1	02/12/21	U-01
Terbacil	ND	2.0	ug/l	1	02/12/21	BS-04, U-01
Thiobencarb	ND	0.10	ug/l	1	02/12/21	U-01
Trifluralin	ND	0.10	ug/l	1	02/12/21	U-01
Trithion	ND	0.10	ug/l	1	02/12/21	Q-ME, U-01
<i>Surrogate(s)</i>						
1,3-Dimethyl-2-nitrobenzene	97%	Conc: 4.86	70-130		02/12/21	U-01
Perylene-d12	97%	Conc: 4.85	50-120		02/12/21	U-01
Triphenyl phosphate	100%	Conc: 5.01	70-130		02/12/21	U-01

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:

02/23/2021 10:35

Project Manager: Libby Cheeseborough

Sample Results

(Continued)

Sample: BA26020, Alias: ERH1257
1A28043-02 (Water)

Sampled: 01/26/21 9:10 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS						
Method: EPA 525.2		Instr: GCMS16				
Batch ID: W1B0571	Preparation: EPA 525.2/SPE	Prepared: 02/09/21 11:11		Analyst: rmr		
2,4-Dinitrotoluene	ND	2.0	ug/l	1	02/12/21	U-01
2,6-Dinitrotoluene	ND	2.0	ug/l	1	02/12/21	U-01
4,4'-DDD	ND	0.10	ug/l	1	02/12/21	U-01
4,4'-DDE	ND	0.20	ug/l	1	02/12/21	U-01
4,4'-DDT	ND	0.10	ug/l	1	02/12/21	U-01
Acenaphthene	ND	0.50	ug/l	1	02/12/21	U-01
Acenaphthylene	ND	0.50	ug/l	1	02/12/21	U-01
Acetochlor	ND	0.10	ug/l	1	02/12/21	U-01
Alachlor	ND	0.10	ug/l	1	02/12/21	U-01
Aldrin	ND	0.10	ug/l	1	02/12/21	U-01
alpha-BHC	ND	0.10	ug/l	1	02/12/21	U-01
alpha-Chlordane	ND	0.10	ug/l	1	02/12/21	U-01
Anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Atrazine	ND	0.10	ug/l	1	02/12/21	U-01
Benzo (a) anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (a) pyrene	ND	0.10	ug/l	1	02/12/21	U-01
Benzo (b) fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (g,h,i) perylene	ND	0.50	ug/l	1	02/12/21	U-01
Benzo (k) fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
beta-BHC	ND	0.20	ug/l	1	02/12/21	U-01
Bis(2-ethylhexyl)adipate	ND	5.0	ug/l	1	02/12/21	U-01
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l	1	02/12/21	U-01
Bromacil	ND	0.50	ug/l	1	02/12/21	U-01
Butachlor	ND	0.10	ug/l	1	02/12/21	U-01
Butyl benzyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Caffeine	ND	0.10	ug/l	1	02/12/21	U-01
Captan	ND	1.0	ug/l	1	02/12/21	U-01
Chlorpropham	ND	0.10	ug/l	1	02/12/21	U-01
Chrysene	ND	0.50	ug/l	1	02/12/21	U-01
Cyanazine	ND	0.10	ug/l	1	02/12/21	BS-04, U-01
delta-BHC	ND	0.10	ug/l	1	02/12/21	U-01
Diazinon	ND	0.10	ug/l	1	02/12/21	U-01
Dibenzo (a,h) anthracene	ND	0.50	ug/l	1	02/12/21	U-01
Dieldrin	ND	0.20	ug/l	1	02/12/21	U-01
Diethyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Project Manager: Libby Cheeseborough

Reported:
02/23/2021 10:35

Sample Results

(Continued)

Sample: BA26020, Alias: ERH1257
1A28043-02 (Water)

Sampled: 01/26/21 9:10 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS (Continued)						
Method: EPA 525.2		Instr: GCMS16				
Batch ID: W1B0571	Preparation: EPA 525.2/SPE	Prepared: 02/09/21 11:11			Analyst: rmr	
Dimethoate	ND	0.20	ug/l	1	02/12/21	U-01
Dimethyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Di-n-butyl phthalate	ND	2.0	ug/l	1	02/12/21	U-01
Di-n-octyl phthalate	ND	0.50	ug/l	1	02/12/21	U-01
Diphenamid	ND	0.10	ug/l	1	02/12/21	U-01
Disulfoton	ND	0.10	ug/l	1	02/12/21	U-01
Endosulfan I	ND	1.0	ug/l	1	02/12/21	U-01
Endosulfan II	ND	0.20	ug/l	1	02/12/21	U-01
Endosulfan sulfate	ND	0.20	ug/l	1	02/12/21	U-01
Endrin	ND	0.20	ug/l	1	02/12/21	U-01
Endrin aldehyde	ND	0.20	ug/l	1	02/12/21	U-01
Endrin ketone	ND	0.10	ug/l	1	02/12/21	U-01
EPTC	ND	0.10	ug/l	1	02/12/21	U-01
Ethion	ND	0.10	ug/l	1	02/12/21	U-01
Fluoranthene	ND	0.50	ug/l	1	02/12/21	U-01
Fluorene	ND	0.50	ug/l	1	02/12/21	U-01
gamma-BHC (Lindane)	ND	0.10	ug/l	1	02/12/21	U-01
gamma-Chlordane	ND	0.10	ug/l	1	02/12/21	U-01
Heptachlor	ND	0.10	ug/l	1	02/12/21	U-01
Heptachlor epoxide	ND	0.10	ug/l	1	02/12/21	U-01
Hexachlorobenzene	ND	0.10	ug/l	1	02/12/21	U-01
Hexachlorocyclopentadiene	ND	1.0	ug/l	1	02/12/21	U-01
Indeno (1,2,3-cd) pyrene	ND	0.50	ug/l	1	02/12/21	U-01
Methoxychlor	ND	0.20	ug/l	1	02/12/21	U-01
Metolachlor	ND	0.10	ug/l	1	02/12/21	U-01
Metribuzin	ND	0.10	ug/l	1	02/12/21	U-01
Molinate	ND	0.10	ug/l	1	02/12/21	U-01
Naphthalene	ND	0.50	ug/l	1	02/12/21	U-01
Pentachloronitrobenzene (PCNB)	ND	0.10	ug/l	1	02/12/21	U-01
Pentachlorophenol	ND	1.0	ug/l	1	02/12/21	U-01
Phenanthrene	ND	0.50	ug/l	1	02/12/21	U-01
Prometon	ND	0.10	ug/l	1	02/12/21	U-01
Prometryn	ND	0.10	ug/l	1	02/12/21	U-01
Propachlor	ND	0.20	ug/l	1	02/12/21	U-01
Pyrene	ND	0.50	ug/l	1	02/12/21	U-01

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

Project Manager: Libby Cheeseborough

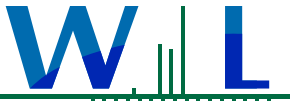
Sample Results

(Continued)

Sample: BA26020, Alias: ERH1257
1A28043-02 (Water)

Sampled: 01/26/21 9:10 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Semivolatile Organic Compounds by GC/MS (Continued)						
Method: EPA 525.2			Instr: GCMS16			
Batch ID: W1B0571		Preparation: EPA 525.2/SPE		Prepared: 02/09/21 11:11		Analyst: rmr
Simazine	ND	0.10	ug/l	1	02/12/21	U-01
Terbacil	ND	2.0	ug/l	1	02/12/21	BS-04, U-01
Thiobencarb	ND	0.10	ug/l	1	02/12/21	U-01
Trifluralin	ND	0.10	ug/l	1	02/12/21	U-01
Trithion	ND	0.10	ug/l	1	02/12/21	Q-ME, U-01
<i>Surrogate(s)</i>						
1,3-Dimethyl-2-nitrobenzene	100%	Conc: 4.99	70-130		02/12/21	U-01
Perylene-d12	91%	Conc: 4.57	50-120		02/12/21	U-01
Triphenyl phosphate	101%	Conc: 5.03	70-130		02/12/21	U-01



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

Project Manager: Libby Cheeseborough

Quality Control Results

Semivolatle Organic Compounds by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2										
Blank (W1B0571-BLK1)				Prepared: 02/09/21 Analyzed: 02/11/21						
2,4-Dinitrotoluene	ND	2.0	ug/l							
2,6-Dinitrotoluene	ND	2.0	ug/l							
4,4'-DDD	ND	0.10	ug/l							
4,4'-DDE	ND	0.20	ug/l							
4,4'-DDT	ND	0.10	ug/l							
Acenaphthene	ND	0.50	ug/l							
Acenaphthylene	ND	0.50	ug/l							
Acetochlor	ND	0.10	ug/l							
Alachlor	ND	0.10	ug/l							
Aldrin	ND	0.10	ug/l							
alpha-BHC	ND	0.10	ug/l							
alpha-Chlordane	ND	0.10	ug/l							
Anthracene	ND	0.50	ug/l							
Atrazine	ND	0.10	ug/l							
Benzo (a) anthracene	ND	0.50	ug/l							
Benzo (a) pyrene	ND	0.10	ug/l							
Benzo (b) fluoranthene	ND	0.50	ug/l							
Benzo (g,h,i) perylene	ND	0.50	ug/l							
Benzo (k) fluoranthene	ND	0.50	ug/l							
beta-BHC	ND	0.20	ug/l							
Bis(2-ethylhexyl)adipate	ND	5.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l							
Bromacil	ND	0.50	ug/l							
Butachlor	ND	0.10	ug/l							
Butyl benzyl phthalate	ND	2.0	ug/l							
Caffeine	ND	0.10	ug/l							
Captan	ND	1.0	ug/l							
Chlorpropham	ND	0.10	ug/l							
Chrysene	ND	0.50	ug/l							
Cyanazine	ND	0.10	ug/l							
delta-BHC	ND	0.10	ug/l							
Diazinon	ND	0.10	ug/l							
Dibenzo (a,h) anthracene	ND	0.50	ug/l							
Dieldrin	ND	0.20	ug/l							
Diethyl phthalate	ND	2.0	ug/l							
Dimethoate	ND	0.20	ug/l							
Dimethyl phthalate	ND	2.0	ug/l							
Di-n-butyl phthalate	ND	2.0	ug/l							
Di-n-octyl phthalate	ND	0.50	ug/l							

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

Project Manager: Libby Cheeseborough

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
Blank (W1B0571-BLK1)										
Prepared: 02/09/21 Analyzed: 02/11/21										
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.10	ug/l							
Endosulfan I	ND	1.0	ug/l							
Endosulfan II	ND	0.20	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.20	ug/l							
Endrin aldehyde	ND	0.20	ug/l							
Endrin ketone	ND	0.10	ug/l							
EPTC	ND	0.10	ug/l							
Ethion	ND	0.10	ug/l							
Fluoranthene	ND	0.50	ug/l							
Fluorene	ND	0.50	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
gamma-Chlordane	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Hexachlorobenzene	ND	0.10	ug/l							
Hexachlorocyclopentadiene	ND	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	0.50	ug/l							
Methoxychlor	ND	0.20	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Naphthalene	ND	0.50	ug/l							
Pentachloronitrobenzene (PCNB)	ND	0.10	ug/l							
Pentachlorophenol	ND	1.0	ug/l							
Phenanthrene	ND	0.50	ug/l							
Prometon	ND	0.10	ug/l							
Prometryn	ND	0.10	ug/l							
Propachlor	ND	0.20	ug/l							
Pyrene	ND	0.50	ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trifluralin	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.95		ug/l	5.00		99	70-130			
Perylene-d12	4.61		ug/l	5.00		92	50-120			

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

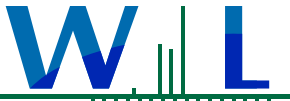
Project Manager: Libby Cheeseborough

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
Blank (W1B0571-BLK1)										
Prepared: 02/09/21 Analyzed: 02/11/21										
<i>Surrogate(s)</i>										
Triphenyl phosphate	4.84		ug/l	5.00		97	70-130			
LCS (W1B0571-BS1)										
Prepared: 02/09/21 Analyzed: 02/11/21										
4,4'-DDD	ND	0.10	ug/l				70-130			
4,4'-DDE	ND	0.20	ug/l				70-130			
4,4'-DDT	ND	0.10	ug/l				70-130			
Acenaphthene	4.69	0.50	ug/l	5.00		94	70-130			
Acenaphthylene	5.36	0.50	ug/l	5.00		107	70-130			
Acetochlor	5.52	0.10	ug/l	5.00		110	70-130			
Alachlor	5.45	0.10	ug/l	5.00		109	70-130			
Aldrin	ND	0.10	ug/l				70-130			
alpha-BHC	ND	0.10	ug/l				70-130			
alpha-Chlordane	ND	0.10	ug/l				70-130			
Anthracene	4.37	0.50	ug/l	5.00		87	70-130			
Atrazine	5.68	0.10	ug/l	5.00		114	70-130			
Benzo (a) anthracene	5.80	0.50	ug/l	5.00		116	70-130			
Benzo (a) pyrene	5.40	0.10	ug/l	5.00		108	60-130			
Benzo (b) fluoranthene	5.37	0.50	ug/l	5.00		107	70-130			AN-IP
Benzo (g,h,i) perylene	5.89	0.50	ug/l	5.00		118	40-160			
Benzo (k) fluoranthene	6.10	0.50	ug/l	5.00		122	70-130			AN-IP
beta-BHC	ND	0.20	ug/l				70-130			
Bis(2-ethylhexyl)adipate	5.87	5.0	ug/l	5.00		117	70-130			
Bis(2-ethylhexyl)phthalate	6.04	3.0	ug/l	5.00		121	70-130			
Bromacil	5.15	0.50	ug/l	5.00		103	70-130			
Butachlor	6.11	0.10	ug/l	5.00		122	70-130			
Butyl benzyl phthalate	5.23	2.0	ug/l	5.00		105	70-130			
Caffeine	4.37	0.10	ug/l	5.00		87	50-120			
Captan	5.83	1.0	ug/l	5.00		117	70-130			
Chlorpropham	5.69	0.10	ug/l	5.00		114	70-130			
Chrysene	4.97	0.50	ug/l	5.00		99	70-130			
Cyanazine	4.47	0.10	ug/l	5.00		89	70-130			
delta-BHC	ND	0.10	ug/l				70-130			
Diazinon	4.86	0.10	ug/l	5.00		97	50-120			
Dibenzo (a,h) anthracene	5.63	0.50	ug/l	5.00		113	50-150			
Dieldrin	ND	0.20	ug/l				70-130			
Diethyl phthalate	5.53	2.0	ug/l	5.00		111	70-130			
Dimethoate	5.32	0.20	ug/l	5.00		106	50-120			
Dimethyl phthalate	5.39	2.0	ug/l	5.00		108	70-130			
Di-n-butyl phthalate	5.42	2.0	ug/l	5.00		108	70-130			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Project Manager: Libby Cheeseborough

Reported:
02/23/2021 10:35

Quality Control Results

(Continued)

Semivolatle Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
LCS (W1B0571-BS1)										
				Prepared: 02/09/21 Analyzed: 02/11/21						
Di-n-octyl phthalate	5.13	0.50	ug/l	5.00		103	70-130			
Diphenamid	6.04	0.10	ug/l	5.00		121	70-130			
Disulfoton	4.80	0.10	ug/l	5.00		96	50-120			
Endosulfan I	ND	1.0	ug/l				70-130			
Endosulfan II	ND	0.20	ug/l				70-130			
Endosulfan sulfate	ND	0.20	ug/l				70-130			
Endrin	ND	0.20	ug/l				70-130			
Endrin aldehyde	ND	0.20	ug/l				70-130			
Endrin ketone	ND	0.10	ug/l				70-130			
EPTC	5.31	0.10	ug/l	5.00		106	70-130			
Ethion	5.47	0.10	ug/l	5.00		109	70-130			
Fluoranthene	5.29	0.50	ug/l	5.00		106	70-130			
Fluorene	5.49	0.50	ug/l	5.00		110	70-130			
gamma-BHC (Lindane)	ND	0.10	ug/l				70-130			
gamma-Chlordane	ND	0.10	ug/l				70-130			
Heptachlor	ND	0.10	ug/l				70-130			
Heptachlor epoxide	ND	0.10	ug/l				70-130			
Hexachlorobenzene	ND	0.10	ug/l				70-130			
Hexachlorocyclopentadiene	ND	1.0	ug/l				33-106			
Indeno (1,2,3-cd) pyrene	5.59	0.50	ug/l	5.00		112	50-150			
Methoxychlor	ND	0.20	ug/l				70-130			
Metolachlor	5.65	0.10	ug/l	5.00		113	60-130			
Metribuzin	5.05	0.10	ug/l	5.00		101	50-120			
Molinate	4.87	0.10	ug/l	5.00		97	70-130			
Naphthalene	4.87	0.50	ug/l	5.00		97	70-130			
Pentachloronitrobenzene (PCNB)	4.81	0.10	ug/l	5.00		96	70-130			
Pentachlorophenol	2.73	1.0	ug/l	5.00		55	50-120			
Phenanthrene	4.72	0.50	ug/l	5.00		94	70-130			
Prometon	3.22	0.10	ug/l	5.00		64	15-120			
Prometryn	3.85	0.10	ug/l	5.00		77	30-120			
Propachlor	ND	0.20	ug/l				70-130			
Pyrene	5.21	0.50	ug/l	5.00		104	70-130			
Simazine	5.05	0.10	ug/l	5.00		101	60-130			
Terbacil	4.31	2.0	ug/l	5.00		86	70-130			
Thiobencarb	4.63	0.10	ug/l	5.00		93	70-130			
Trifluralin	ND	0.10	ug/l				70-130			
Trithion	4.88	0.10	ug/l	5.00		98	70-130			
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.98		ug/l	5.00		100	70-130			

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

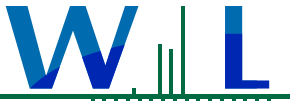
Project Manager: Libby Cheeseborough

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
LCS (W1B0571-BS1)										
Prepared: 02/09/21 Analyzed: 02/11/21										
<i>Surrogate(s)</i>										
Perylene-d12	5.18		ug/l	5.00		104	50-120			
Triphenyl phosphate	5.54		ug/l	5.00		111	70-130			
LCS (W1B0571-BS2)										
Prepared: 02/09/21 Analyzed: 02/11/21										
Hexachlorobenzene	1.01	0.10	ug/l	1.00		101	70-130			
Hexachlorocyclopentadiene	4.60	1.0	ug/l	5.00		92	33-106			
Propachlor	6.82	0.20	ug/l	5.00		136	70-130			Q-08
Trifluralin	1.04	0.10	ug/l	1.00		104	70-130			
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.86		ug/l	5.00		97	70-130			
Perylene-d12	3.73		ug/l	5.00		75	50-120			
Triphenyl phosphate	5.15		ug/l	5.00		103	70-130			
LCS Dup (W1B0571-BSD1)										
Prepared: 02/09/21 Analyzed: 02/11/21										
4,4'-DDD	ND	0.10	ug/l				70-130		30	
4,4'-DDE	ND	0.20	ug/l				70-130		30	
4,4'-DDT	ND	0.10	ug/l				70-130		30	
Acenaphthene	4.69	0.50	ug/l	5.00		94	70-130	0.009	30	
Acenaphthylene	5.11	0.50	ug/l	5.00		102	70-130	5	30	
Acetochlor	5.20	0.10	ug/l	5.00		104	70-130	6	30	
Alachlor	5.06	0.10	ug/l	5.00		101	70-130	7	30	
Aldrin	ND	0.10	ug/l				70-130		30	
alpha-BHC	ND	0.10	ug/l				70-130		30	
alpha-Chlordane	ND	0.10	ug/l				70-130		30	
Anthracene	4.40	0.50	ug/l	5.00		88	70-130	0.8	30	
Atrazine	5.48	0.10	ug/l	5.00		110	70-130	4	30	
Benzo (a) anthracene	5.61	0.50	ug/l	5.00		112	70-130	3	30	
Benzo (a) pyrene	4.41	0.10	ug/l	5.00		88	60-130	20	30	
Benzo (b) fluoranthene	5.27	0.50	ug/l	5.00		105	70-130	2	30	AN-IP
Benzo (g,h,i) perylene	5.26	0.50	ug/l	5.00		105	40-160	11	30	
Benzo (k) fluoranthene	5.78	0.50	ug/l	5.00		116	70-130	5	30	AN-IP
beta-BHC	ND	0.20	ug/l				70-130		30	
Bis(2-ethylhexyl)adipate	5.67	5.0	ug/l	5.00		113	70-130	3	30	
Bis(2-ethylhexyl)phthalate	5.75	3.0	ug/l	5.00		115	70-130	5	30	
Bromacil	4.87	0.50	ug/l	5.00		97	70-130	6	30	
Butachlor	5.47	0.10	ug/l	5.00		109	70-130	11	30	
Butyl benzyl phthalate	4.84	2.0	ug/l	5.00		97	70-130	8	30	
Caffeine	3.92	0.10	ug/l	5.00		78	50-120	11	30	
Captan	4.16	1.0	ug/l	5.00		83	70-130	33	30	Q-12
Chlorpropham	5.78	0.10	ug/l	5.00		116	70-130	2	30	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:

02/23/2021 10:35

Project Manager: Libby Cheeseborough

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
LCS Dup (W1B0571-BSD1)										
				Prepared: 02/09/21 Analyzed: 02/11/21						
Chrysene	4.85	0.50	ug/l	5.00		97	70-130	3	30	
Cyanazine	2.70	0.10	ug/l	5.00		54	70-130	49	30	BS-04
delta-BHC	ND	0.10	ug/l				70-130		30	
Diazinon	4.53	0.10	ug/l	5.00		91	50-120	7	30	
Dibenzo (a,h) anthracene	5.44	0.50	ug/l	5.00		109	50-150	3	30	
Dieldrin	ND	0.20	ug/l				70-130		30	
Diethyl phthalate	5.53	2.0	ug/l	5.00		111	70-130	0.06	30	
Dimethoate	3.24	0.20	ug/l	5.00		65	50-120	49	30	Q-12
Dimethyl phthalate	5.43	2.0	ug/l	5.00		109	70-130	0.8	30	
Di-n-butyl phthalate	5.25	2.0	ug/l	5.00		105	70-130	3	30	
Di-n-octyl phthalate	4.85	0.50	ug/l	5.00		97	70-130	6	30	
Diphenamid	5.94	0.10	ug/l	5.00		119	70-130	2	30	
Disulfoton	4.24	0.10	ug/l	5.00		85	50-120	12	30	
Endosulfan I	ND	1.0	ug/l				70-130		30	
Endosulfan II	ND	0.20	ug/l				70-130		30	
Endosulfan sulfate	ND	0.20	ug/l				70-130		30	
Endrin	ND	0.20	ug/l				70-130		30	
Endrin aldehyde	ND	0.20	ug/l				70-130		30	
Endrin ketone	ND	0.10	ug/l				70-130		30	
EPTC	5.26	0.10	ug/l	5.00		105	70-130	1	30	
Ethion	5.19	0.10	ug/l	5.00		104	70-130	5	30	
Fluoranthene	5.18	0.50	ug/l	5.00		104	70-130	2	30	
Fluorene	5.43	0.50	ug/l	5.00		109	70-130	1	30	
gamma-BHC (Lindane)	ND	0.10	ug/l				70-130		30	
gamma-Chlordane	ND	0.10	ug/l				70-130		30	
Heptachlor	ND	0.10	ug/l				70-130		30	
Heptachlor epoxide	ND	0.10	ug/l				70-130		30	
Hexachlorobenzene	ND	0.10	ug/l				70-130		30	
Hexachlorocyclopentadiene	ND	1.0	ug/l				33-106		30	
Indeno (1,2,3-cd) pyrene	5.19	0.50	ug/l	5.00		104	50-150	7	30	
Methoxychlor	ND	0.20	ug/l				70-130		30	
Metolachlor	5.45	0.10	ug/l	5.00		109	60-130	4	30	
Metribuzin	4.48	0.10	ug/l	5.00		90	50-120	12	30	
Molinate	4.94	0.10	ug/l	5.00		99	70-130	2	30	
Naphthalene	4.79	0.50	ug/l	5.00		96	70-130	2	30	
Pentachloronitrobenzene (PCNB)	4.82	0.10	ug/l	5.00		96	70-130	0.3	30	
Pentachlorophenol	3.79	1.0	ug/l	5.00		76	50-120	32	30	Q-12
Phenanthrene	4.71	0.50	ug/l	5.00		94	70-130	0.2	30	
Prometon	2.65	0.10	ug/l	5.00		53	15-120	20	30	

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Project Manager: Libby Cheeseborough

Reported:
02/23/2021 10:35

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W1B0571 - EPA 525.2 (Continued)										
LCS Dup (W1B0571-BSD1)				Prepared: 02/09/21 Analyzed: 02/11/21						
Prometryn	3.70	0.10	ug/l	5.00		74	30-120	4	30	
Propachlor	ND	0.20	ug/l				70-130		30	
Pyrene	5.04	0.50	ug/l	5.00		101	70-130	3	30	
Simazine	4.73	0.10	ug/l	5.00		95	60-130	7	30	
Terbacil	0.789	2.0	ug/l	5.00		16	70-130	138	30	BS-04
Thiobencarb	4.62	0.10	ug/l	5.00		92	70-130	0.1	30	
Trifluralin	ND	0.10	ug/l				70-130		30	
Trithion	3.42	0.10	ug/l	5.00		68	70-130	35	30	Q-12, Q-ME
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.84		ug/l	5.00		97	70-130			
Perylene-d12	3.91		ug/l	5.00		78	50-120			
Triphenyl phosphate	5.34		ug/l	5.00		107	70-130			
LCS Dup (W1B0571-BSD2)				Prepared: 02/09/21 Analyzed: 02/12/21						
Hexachlorobenzene	0.999	0.10	ug/l	1.00		100	70-130	1	30	
Hexachlorocyclopentadiene	4.42	1.0	ug/l	5.00		88	33-106	4	30	
Propachlor	6.75	0.20	ug/l	5.00		135	70-130	1	30	Q-08
Trifluralin	1.13	0.10	ug/l	1.00		113	70-130	8	30	
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.86		ug/l	5.00		97	70-130			
Perylene-d12	4.93		ug/l	5.00		99	50-120			
Triphenyl phosphate	5.27		ug/l	5.00		105	70-130			

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

Project Number: 94912

Reported:
02/23/2021 10:35

Project Manager: Libby Cheeseborough



Notes and Definitions

Item	Definition
AN-IP	Sample results for structural isomers may have contribution from their isomeric pair.
BS-04	The recovery of this analyte in LCS or LCSD was outside control limit. Sample was accepted based on the remaining LCS, LCSD or LCS-LL.
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
Q-12	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.
Q-ME	Acceptable QC with marginal exceedance
U-01	The sample was received without the proper preservation.
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.