

Technical Report for

Providence Engineering

Valero-CAMS, Baton Rouge, LA

712-001

Accutest Job Number: **JB88770**

Sampling Date: 02/16/15

Report to:

Providence Engineering

kevincalhoun@providenceeng.com

ATTN: Kevin Calhoun

Total number of pages in report: 9



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy F. Cole

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Sample Summary

Providence Engineering

Job No: JB88770

Valero-CAMS, Baton Rouge, LA
Project No: 712-001

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
JB88770-1	02/16/15	13:00 KH	02/25/15	AIR	Ambient Air Grab	CAMS 213

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	CAMS 213	Date Sampled:	02/16/15
Lab Sample ID:	JB88770-1	Date Received:	02/25/15
Matrix:	AIR - Ambient Air Grab	Summa ID:	A1167
Method:	TO-15	Percent Solids:	n/a
Project:	Valero-CAMS, Baton Rouge, LA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W9980.D	1	03/03/15	ML	n/a	n/a	V5W396
Run #2							

Run #	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	4.7	0.20	0.11	ppbv	11	0.48	0.26	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.034	ppbv	ND	0.44	0.075	ug/m3	
71-43-2	78.11	Benzene	0.42	0.20	0.025	ppbv	1.3	0.64	0.080	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.029	ppbv	ND	1.3	0.19	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	0.035	ppbv	ND	2.1	0.36	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	0.033	ppbv	ND	0.78	0.13	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	0.035	ppbv	ND	0.87	0.15	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	0.047	ppbv	ND	1.0	0.24	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv	ND	0.62	0.097	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	0.034	ppbv	ND	0.92	0.16	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	0.042	ppbv	ND	0.53	0.11	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	0.024	ppbv	ND	0.98	0.12	ug/m3	
74-87-3	50.49	Chloromethane	0.59	0.20	0.079	ppbv	1.2	0.41	0.16	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	0.037	ppbv	ND	0.63	0.12	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv	ND	1.0	0.17	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.025	ppbv	ND	1.3	0.16	ug/m3	
110-82-7	84.16	Cyclohexane	0.49	0.20	0.027	ppbv	1.7	0.69	0.093	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.027	ppbv	ND	0.81	0.11	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.052	ppbv	ND	0.79	0.21	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.027	ppbv	ND	1.5	0.21	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.023	ppbv	ND	0.81	0.093	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv	ND	0.92	0.13	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv	ND	0.72	0.43	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.51	0.20	0.030	ppbv	2.5	0.99	0.15	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.038	ppbv	ND	1.7	0.32	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.070	ppbv	ND	0.79	0.28	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.023	ppbv	ND	0.79	0.091	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.025	ppbv	ND	0.91	0.11	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.033	ppbv	ND	1.2	0.20	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.029	ppbv	ND	1.2	0.17	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.037	ppbv	ND	1.2	0.22	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.025	ppbv	ND	0.91	0.11	ug/m3	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

AIN



2235 US Highway 130, Dayton, NJ 08810
 V: 732.329.0200 F: 732.329.3499 www.accutest.com

FEP-EX Tracking # 6250 6351 2079
 Lab Quote #

Bottle Order Control #

Lab Job # JB88770

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Client / Reporting Information				Project Information				Weather Parameters				Requested Analysis						
Company Name <u>Providence Engr</u>				Project Name <u>Valero Refining</u>				Temperature (Fahrenheit)				51-10-15						
Address <u>1201 Main St</u>				Street				Start: Maximum:		Minimum:								
City <u>BR</u> State <u>LA</u> Zip <u>70802</u>				City <u>Meraux</u> State <u>LA</u>				Stop: Maximum:		Minimum:								
Project Contact <u>Pam Hollis @ providenceeng.com</u>				Project # <u>712-001</u>				Atmospheric Pressure (inches of Hg)										
Phone # <u>225-766-7460</u> Fax # <u>-7440</u>				Client Purchase Order #				Start: Maximum:		Minimum:								
Sampler(s) Name(s) <u>K Anderson</u>				Other weather comment:														
Lab Sample #	Field ID / Point of Collection	Air Type		Sampling Equipment Info			Start Sampling Information					Stop Sampling Information						
		Indoor(I) Soil Vap(SV) Ambient(A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.			
<u>1</u>	<u>CAMS 213</u>	<u>A</u>	<u>A11676L</u>	<u>-</u>	<u>2-15</u>	<u>1300</u>	<u>0.0</u>	<u>75</u>	<u>KIT</u>	<u>2-16</u>	<u>1300</u>	<u>11.30</u>	<u>75</u>	<u>KIT</u>				
INITIAL ASSESSMENT <u>Y/A AB</u> LABEL VERIFICATION <u>Y/V</u>																		
Turnaround Time (Business days) Standard - 15 Days 10 Day 5 Day 3 Day 2 Day 1 Day Other				Approved By: _____ Date: _____				Data Deliverable Information All NJDEP TO-15 is mandatory Full T1 Comm A Comm B Reduced T2 Full T1 Other: _____				Comments / Remarks <u>SUMMA</u>						
Sample Custody must be documented below each time samples change possession, including courier delivery																		
Relinquished by Laboratory	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By				
1		<u>[Signature]</u>		<u>[Signature]</u>	<u>1015 2-25-15</u>	<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>				
Relinquished by	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By				
3		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>				
Relinquished by	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By				
5		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>				
				Custody Seal # <u>4119</u>														

Summa Canister and Flow Controller Log

Job Number: JB88770
Account: PROVLABR Providence Engineering
Project: Valero-CAMS, Baton Rouge, LA
Received: 02/25/15

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SUMMA CANISTERS													
Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A1167	6	29.4	02/10/15	RD	CP7523	5W9499.D	JB88770-1	02/26/15	RD	7			1

Accutest Bottle Order(s):
 VP-2/10/2015-2

Prep Date **Room Temp(F)** **Bar Pres "Hg**
 02/10/15 70 29.92