



# ANAEROBIC DIGESTION LAB TEST NETWORK

Coalition of Leading Universities Managed by Team Biogas®

## \*\*SAMPLE GAS CONSTITUENTS REPORT\*\*

### Anaerobic Digestion Lab Test Network

Date: 99-Month-Year

<b>CLIENT:</b>	ADLTN Client	<b>Client Sample ID:</b>	Product gas to engine
<b>Lab Order:</b>	X9999999	<b>Tag Number:</b>	
<b>Project:</b>	Project Name	<b>Collection Date:</b>	99/99/9999
<b>Lab ID:</b>	X99999999-001	<b>Matrix:</b>	AIR

Analyses	Result	**Limit	Units	DF	Date Analyzed
BTU BY ASTM 3588					
STM 3588@14.73PSI					
BTU Gross or HHV	660	0	BTU/cubic ft	1	8/25/2016
BTU Net or LHV	590	0	BTU/cubic ft	1	8/25/2016
FIXED GAS SERIES					
EPA METHOD 3C					
Carbon dioxide	31.7	1.90	%	1	8/25/2016
Carbon Monoxide	ND	0.880	%	1	8/25/2016
Methane	65.0	0.580	%	1	8/25/2016
Nitrogen	1.38	8.30	J %	1	8/25/2016
Oxygen	0.467	0.880	J %	1	8/25/2016
SILOXANE SERIES					
TO-15					
Decamethylcyclopentasiloxane-D5	5.2	5.0	ppbV	1	8/25/2016 11:04:00 PM
Decamethyltetrasiloxane-L4	ND	5.0	ppbV	1	8/25/2016 11:04:00 PM
Hexamethylcyclotrisiloxane-D3	ND	5.0	ppbV	1	8/25/2016 11:04:00 PM
Hexamethyldisiloxane-L2	ND	5.0	ppbV	1	8/25/2016 11:04:00 PM
Octamethylcyclotetrasiloxane-D4	ND	5.0	ppbV	1	8/25/2016 11:04:00 PM
Octamethyltrisiloxane-L3	ND	5.0	ppbV	1	8/25/2016 11:04:00 PM
Trimethyl silanol	10	5.0	ppbV	1	8/25/2016 11:04:00 PM
Surr: Bromofluorobenzene	141	49.7-136	S %REC	1	8/25/2016 11:04:00 PM
SULFURS SERIES BY TO-15					
TO-15					
1-Propanethiol	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Carbon disulfide	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Carbonyl sulfide	20	10	ppbV	1	8/25/2016 11:04:00 PM
Dimethyl sulfide	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Ethyl mercaptan	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Hydrogen Sulfide	2700	40	ppbV	4	8/25/2016 11:39:00 PM
Isopropyl mercaptan	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Methyl mercaptan	ND	10	ppbV	1	8/25/2016 11:04:00 PM
Surr: Bromofluorobenzene	141	74.4-153	%REC	1	8/25/2016 11:04:00 PM
VOC'S METHOD TO15 + TIC					
TO-15					
1,1,1,2-Tetrachloroethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,1,1-Trichloroethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,1,2-Trichloroethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,1-Dichloroethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,1-Dichloroethene	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,2,3-Trimethylbenzene	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,2,4-Trichlorobenzene	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,2,4-Trimethylbenzene	7.3	5.0	ppbV	1	8/25/2016 5:21:00 PM
1,2-Dibromoethane	ND	5.0	ppbV	1	8/25/2016 5:21:00 PM



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**Qualifiers:**

\*\* Quantitation Limit

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected

E Estimated Value above quantitation range H

J Analyte detected below quantitation limit JN

ND Not Detected at the Limit of Detection