



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr. Diamond Bar, CA 91765-4182

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

(Page 1 of 3)

To: Victor Yip
Sr. Enforcement Manager
Compliance & Enforcement

Laboratory No. 1813706-01
Requested By Peter Campbell
Rule No. R402
ST No. NA
Report Created 05/23/2018

Sampling Location
Residential
Huntington Beach, CA

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS, AND RESULTS

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

See attached results and sample information.

Reviewed By:

Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed:

05/23/18

Approved By:

Aaron Katzenstein, Ph.D.
Senior Manager
Laboratory Services
(909) 396-2219

Date Approved:

5/24/2018



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Laboratory No. 1813706-01
Sample Description SUMMA Canister 54145
Sample Comments Collected halfway through 20 min odor event, rotten egg or methane 3-4/5, wind from SW. Collected by HB Fire Department Station #5.

Sample Date 05/16/2018

Received Date 05/17/2018

Analyzed Date 05/21/2018

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

Analyte, Unit	Result	MDL	MRL
CH4, ppmvC	2	0.2	1
CO2, ppmvC	415	0.1	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	4	0.2	1



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Laboratory No. **1813706-01**

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

QUALITY CONTROL SUMMARY

CCV1 (CC106783)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1.93	1.92	0.31	0.01	PASS
1.87	2.02	7.61	0.15	PASS
1.84	1.57	17.27	0.27	PASS
1.82	2.03	10.34	0.21	PASS
2.23	2.03	9.96	0.20	PASS

CCV2 (CC68431)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1020	1000	2.04	20.42	PASS
1027	1000	2.74	27.37	PASS
1030	1000	3.02	30.23	PASS
1030	1000	3.03	30.29	PASS
1012	1000	1.18	11.78	PASS

CCV3 (CC106783)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1.94	1.92	0.83	0.02	PASS
1.97	2.02	2.67	0.05	PASS
2.19	1.57	39.58	0.62	PASS
1.93	2.03	4.93	0.10	PASS
2.15	2.03	6.02	0.12	PASS

CCV4 (CC68431)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1021	1000	2.05	20.51	PASS
1024	1000	2.40	23.99	PASS
1024	1000	2.40	24.04	PASS
1025	1000	2.45	24.51	PASS
1006	1000	0.55	5.51	PASS

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

DISTRICT INFORMATION
 INVOICE SOURCE
 LABORATORY NO. 1813706

TO: SCAQMD LAB: OTHER:
 SOURCE NAME: N/A I.D. No. _____
 Source Address: _____ City: Huntington Beach
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Peter Campbell Date: 5/17/18
 Approved by: FRED GONZALEZ Office: C&E Budget #: 60375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Devin Appel Date: 5/16/18 Time: 1600

Specify the description and location where the sample was collected: Collected at 530 Lake St. in HB
halfway through 20 min odorevent; odors described as rotten egg or methane 3-1/5
Sample collected by HB Fire Department station #5. Wind from SW ID #54145

Analysis Requested: VOC

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Peter Campbell</u>	<u>HPhillipson</u>	<u>SCAQMDlab</u>	<u>5/17/18</u>	<u>1030</u>

Remarks: