



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. 1729102-01
Requested By Kraig Morris
Rule No. 402
ST No. NA
Report Created 10/23/2017

Sampling Location
Various Sampling Locations
Manorfield Dr.
Huntington Beach, CA 92648

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: John B. Parrack
Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed: 10/23/17

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

Date Approved: 10/24/17



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Laboratory No. 1729102-01
Sample Description SUMMA Canister 54546
Sample Comments Odor sample collected from private residence. Odor was petroleum gas w/ sulfur smell. Intensity 2/5. Consistent with odor detected outdoors at time of arrival. Unable to collect outdoor sample.

Sample Date 10/17/2017

Received Date 10/18/2017

Analyzed Date 10/19/2017

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

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	2	0.5	1
CO ₂ , ppmvC	557	0.5	1
Ethane, ppmvC	<1	0.5	1
NMNEOC, ppmvC	<1	0.5	1



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Laboratory No. **1729102-01**

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
2.11	1.92	9.67	0.19	PASS
2.04	2.02	0.79	0.02	PASS
1.97	1.57	25.56	0.40	PASS
2.08	2.03	2.46	0.05	PASS
2.24	2.03	10.45	0.21	PASS

CCV2 (CC12628)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1088	1036	4.98	51.59	PASS
1082	1068	1.29	13.81	PASS
1073	1022	4.99	51.02	PASS
1075	1044	2.98	31.08	PASS
1066	1024	4.11	42.13	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
2.03	1.92	5.51	0.11	PASS
1.98	2.02	2.17	0.04	PASS
1.96	1.57	24.92	0.39	PASS
1.98	2.03	2.46	0.05	PASS
2.23	2.03	9.96	0.20	PASS

CCV4 (CC12628)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1086	1036	4.83	50.09	PASS
1082	1068	1.30	13.85	PASS
1073	1022	4.96	50.66	PASS
1077	1044	3.16	32.99	PASS
1070	1024	4.46	45.68	PASS

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

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1729102-01

TO: SCAQMD LAB: OTHER:

SOURCE NAME: Sample collected @ 6022 Manorfield, HB I.D. No. _____

Source Address: 18591 Edwards St. HB Fire Station #6 City: Huntington Beach

Mailing Address: 2000 Main St. City: Huntington Beach Zip: 92647

Contact Person: Captain Culhane Title: Fire Captain Tel: (714) 625-6606

Analysis Requested by: Kraig Morris Date: 10/18/17

Approved by: [Signature] Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) 402 Other

Sample Collected by: Capt. Culhane Date: 10/17/17 Time: 1703

SAMPLE DESCRIPTION:

odor sample was collected from upstairs room of private residence @ 6022 Manorfield, Huntington Beach

odor was petroleum gas w/ sulfur smell. Intensity was 2 out of 5. This odor indoors was consistent with odor detected outdoors at time of arrival.

Unable to collect outdoor sample.

REQUESTED ANALYSIS: VOC analysis sample ID# 54546

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Joshua Hyink</u>	<u>Kraig Morris</u>	<u>SCAQMD</u>	<u>10/18/17</u>	<u>0800</u>
<u>Kraig Morris</u>	<u>H Phillipson</u>	<u>SCAQMD Lab</u>	<u>10/18/17</u>	<u>1105</u>

Remarks: