

QFN

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**21865 Copley Drive, Diamond Bar CA 91765-1482**

**MONITORING & ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

Page 1 of 2

<b>TO</b>	Cher Snyder, Assistant DEO Engineering & Compliance	<b>LABORATORY NO</b>	<u>1607329</u>
		<b>DATE RECEIVED</b>	<u>03/14/2016</u>
<b>SAMPLE DESCRIBED AS</b>	One Summa Canister, 24 h sample	<b>FACILITY ID NO</b>	<u>NA</u>
		<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
<b>SAMPLING LOCATION</b>	Porter Ranch/Castlebay Elementary 19010 Castlebay Ln Porter Ranch, CA 91326	<b>ST NO / PROJECT</b>	<u>NA</u>

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**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

Type	Canister
Number	<u>53387</u>
Pressure (Torr)	740
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	406
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved:

3/18/16

Approved By:



Rudy Edén, Senior Manager  
Laboratory Services  
909-396-2391

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
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**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

Page 2 of 2

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**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

**QUALITY CONTROL -- End of run control recovery**

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC91340	MDL				
CO, ppmvC	0.3	10.40	9.85	-5.26	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.62	4.39	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.57	1.85	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.2	11.00	10.44	-5.14	PASS
NM/NEOC, ppmvC	0.2	10.64	10.24	-3.75	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9791	-3.06	PASS
CH <sub>4</sub> , ppmvC	0.3	9950	10150	2.01	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	9783	-3.13	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.2	9940	9960	0.20	PASS
NM/NEOC, ppmvC	0.2	10000	9885	-1.15	PASS

<b>DATE ANALYZED</b>	03/14/2016
<b>REFERENCE NO:</b>	16QM2AA
	QM2-101-88

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

WO #: 1607329



TO: SCAQMD LAB:  OTHER:

SOURCE NAME: Southern California Gas Co. I.D. No. \_\_\_\_\_

Source Address: 12801 Tampa Ave City: Porter Ranch

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: 91326

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Sumner Wilson Date: 3/14/16

Approved by: Jason Low Office: \_\_\_\_\_ Budget #: 44716

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

Suspected Violation Rule(s) \_\_\_\_\_ Other

Sample Collected by: Qian Zhou Date: 3/14/16 Time: 9:10am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	53387	3/13/16 / 00:00 / 24 hours	-30"	+18.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>Nazging Ran</i>	SCAQMD Lab	3/14/2016	11:30

Remarks: Daily scheduled samples from trailer at Castlebay  
Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA