

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS


Page 1 of 2

TO	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO	<u>1622337</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 22479	DATE RECEIVED	<u>08/11/2016</u>
SAMPLING LOCATION	Porter Ranch Community School	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Sumner Wilson</u>
		ST NO / PROJECT	<u>NA</u>

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

Type	Canister
Number	<u>22479</u>
Pressure (Torr)	760
CO, ppm	6
CH ₄ , ppm	2
CO ₂ , ppm	412
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 8/18/16

Approved By: 
Solomon Teffera, Acting Senior Manager
Laboratory Services
909-396-2199

AW
8/17/16

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

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1622337</u>
24 hour sample Canister 22479	REQUESTED BY	<u>Sumner Wilson</u>

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), 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
CC106783	MDL				
CO, ppmvC	0.4	1.92	1.95	1.49	PASS
CH ₄ , ppmvC	0.3	2.02	1.97	-2.53	PASS
CO ₂ , ppmvC	0.4	1.57	2.06	31.28	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.91	-5.96	PASS
NM/NEOC, ppmvC	0.5	2.03	2.02	-0.60	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1009	-2.57	PASS
CH ₄ , ppmvC	0.3	1068	1005	-5.88	FAIL
CO ₂ , ppmvC	0.4	1022	1001	-2.01	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	993	-4.92	PASS
NM/NEOC, ppmvC	0.5	1024	966	-5.63	FAIL

DATE ANALYZED	08/11/2016
REFERENCE NO:	16QM2AD
	QM2-101-119

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

DIS
 INV
 LA
LABC

WO #: 1622337



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: 8/11/16
 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: Bo Vongphachanh Date: 8/11/16 Time: 11:40am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	22479	8/10/16 / 00:00 / 24 hours	-26"	+21.5

Relinquished by	Received by	Firm/Agency	Date	Time
		SCAQMD Lab	8/11/2016	13:24

Remarks: 1:6 scheduled samples from trailer at PRCS
 Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326
 GPS (34.293369, -118.580505)
 Right Sampler, sn 3900