

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

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Jason Low, ADEO  
Monitoring & Analysis

LABORATORY NO. 1624609-01

DATE RECEIVED 9/2/16

SAMPLE(S) DESCRIBED AS  
1 Triggered Tedlar Bag  
Bag # 09022016-01

FACILITY ID NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION  
Highlands Community  
Pool Parking Lot  
Northridge CA, 91326

PROJECT/ ST NO/ RULE 402

REPORT GENERATED 1/24/2017

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ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result*
t-Butyl mercaptan	< 1 ppb
Tetrahydrothiophene (THT)	< 1 ppb
Carbonyl sulfide/SO <sub>2</sub>	2 ppb
Total Reduced Sulfur	4 ppb


\*Calibrated using methyl mercaptan

Blank subtraction performed with Tedlar bag filled with UHP Nitrogen

Date Reviewed: 01/24/17

Reviewed By:   
Joan Niertit, Principal A.Q. Chemist  
Laboratory Services

Date Approved: 1/26/17

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

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1 Triggered Tedlar Bag  
Bag # 09022016-01

**LABORATORY NO.** 1624609-01

**REQUESTED BY** Sumner Wilson

**DATE ANALYZED** 9/2/16

**Total Reduced Sulfur (TRS) by SCAQMD Method 307-91  
Quality Control Tests and Results Matrix**

	<b>Control (ppb)</b>				<b>Lab Air Blank (ppb)</b>
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Methyl Mercaptan	1.01	0.83	82.6	Carbonyl Sulfide/SO2	< 1 ppb
Ethyl Mercaptan	1.04	0.68	65.4	Methyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	1.04	0.71	68.6	Ethyl Mercaptan	< 1 ppb
1-Propanethiol	1.03	0.91	88.3	Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb

	<b>Calibration Drift (ppb)</b>				<b>N2 Bag Blank (ppb)</b>
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Methyl Mercaptan	30.15	28.59	94.8	Unknown	< 1 ppb*
Ethyl Mercaptan	31.20	29.8	95.5	Carbonyl Sulfide/SO2	< 1 ppb*
Isopropyl Mercaptan	31.05	30.75	99.0	Methyl Mercaptan	< 1 ppb
1-Propanethiol	30.90	29.41	95.2	Ethyl Mercaptan	< 1 ppb
				Unknown	2 ppb*
				Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb

\*Calibrated using Methyl Mercaptan

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

DIS  
 INV  
 LA  
 LABO

1624609



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: 12/31/15 9/2/16

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

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: R Zhou Date: 9/2/16 Time: 9:30

**REQUESTED ANALYSIS: Sulfur Analysis**

City/Location	Bag#	Start day	Time	Duration
Highlands Community	09022016-01	9/2/16	6:34	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Zhoujian</u>	<u>[Signature]</u>	SCAQMD Lab	<u>9/2/2016</u>	<u>11:00</u>

Remarks: Samples collected by remote lung sampler, trigger by CH4/NMHC sampler

Trigger is set to 5ppm

Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)