

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, Atmospheric Measurements Manager  
Science & Technology Advancement

LABORATORY NO. 1609811-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS  
Triggered Sample  
Tedlar Bag: 040716-01

DATE RECEIVED 4/7/16

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Highlands Community  
Pool Parking Lot

REQUESTED BY Sumner Wilson

DATE ANALYZED 4/8/16

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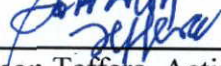
ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result
t-Butyl mercaptan	< 10 ppb*
Tetrahydrothiophene (THT)	< 10 ppb*
Carbonyl sulfide/SO <sub>2</sub>	< 10 ppb*
Total Reduced Sulfur	< 10 ppb*

Sample was not analyzed within 24 hours due to instrument failure.

\*Calibrated using methyl mercaptan

Date Approved: 4/13/16

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

JLP  
4/13/16

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21865 Copley Dr., Diamond Bar, CA 91765-4182**

**MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS**

Page 2 of 2

**SAMPLE(S) DESCRIBED AS**  
1 Triggered Tedlar Bag

**LABORATORY NO.** 1609811-01

**REQUESTED BY** Sumner Wilson

**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	10.05	10.36	103.1	Carbonyl Sulfide/SO2	< 10 ppb*
Ethyl Mercaptan	10.40	9.64	92.7	Methyl Mercaptan	< 10 ppb
Isopropyl Mercaptan	10.35	10.98	106.1	Ethyl Mercaptan	< 10 ppb
1-Propanethiol	10.30	15.71	152.5	Isopropyl Mercaptan	< 10 ppb
				1-Propanethiol	< 10 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	21.61	71.7	Methyl Mercaptan	< 10 ppb
Ethyl Mercaptan	31.20	25.02	80.2	Ethyl Mercaptan	< 10 ppb
Isopropyl Mercaptan	31.05	22.47	72.4	Isopropyl Mercaptan	< 10 ppb
1-Propanethiol	30.90	20.78	67.2	1-Propanethiol	< 10 ppb

\*Calibrated using Methyl Mercaptan

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

DISTRICT  
 INVOICE S  
 LAP AUDI  
 LABORATO...

1609811



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 - 4/7/16  
 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: Q Zhan Date: 4/7/16 Time: 10:30 am

**REQUESTED ANALYSIS: Sulfur Analysis**

City/Location	Bag#	Start day	Time	Duration
Highlands Community	040716-01	4/7/16 7:11am 5min	7:11am	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
Zhang	[Signature]	SCAQMD Lab	04/07/16	1:55pm

Remarks: Samples collected by remote lung sampler, trigger by Thermo 55i sampler

Trigger is set to 35ppm 5 ppm

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