

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 Cher Snyder, ADEO  
Engineering & Compliance

LABORATORY NO. 1604121-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS  
1 Triggered Tedlar Bag  
Bag # 020916-02

DATE RECEIVED 2/10/16

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Highlands Community  
Pool Parking Lot

REQUESTED BY Sumner Wilson

DATE ANALYZED 2/10/16

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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	< 1 ppb*
Tetrahydrothiophene (THT)	< 1 ppb*
Carbonyl sulfide/SO <sub>2</sub>	2.5 ppb*
Total Reduced Sulfur	5.9 ppb*

\*Calibrated using Methyl Mercaptan

Date Approved: 2/28/16

Approved By:   
Rudy Eden, Senior Manager  
Laboratory Services  
(909) 396-2391

AWN 2/18/16  
JSP  
02/15/16

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
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1 Triggered Tedlar Bag  
Bag # 020916-02

**LABORATORY NO.** 1604121-01

**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	1.0	0.9	86.6	Carbonyl Sulfide/SO2	< 1 ppb*
Ethyl Mercaptan	1.0	1.7	165.4	Methyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	1.0	1.2	117.9	Ethyl Mercaptan	< 1 ppb
1-Propanethiol	1.0	1.2	118.4	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	30.2	54.1	179.3	Methyl Mercaptan	< 1 ppb
Ethyl Mercaptan	31.2	52.5	168.2	Ethyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	31.1	52.2	168.2	Isopropyl Mercaptan	< 1 ppb
1-Propanethiol	30.9	52.3	169.3	1-Propanethiol	< 1 ppb
				Unknown	3.3*

\*Calibrated using Methyl Mercaptan

Calibration drift indicates that instrument response increased by 80% during analysis. Final results may be biased high by as much as 80%

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

DISTR  
 INVOI  
 LAP A  
 LABORA

WO #: 1604121



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: 2/10/16  
 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: Qian Zhou Date: 2-10-16 Time: 9:30am

**REQUESTED ANALYSIS: Sulfur analysis**

City/Location	Bag#	Start day	Time	Duration
Highlands Community	020916-02	2-9-16	18:51	5 min

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhongqian</i>	<i>LR</i>	SCAQMD Lab	2/10/16	12:24

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

Trigger is set to 35ppm

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