

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. 1604223-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
Triggered Sample
Tedlar Bag: 63719

DATE RECEIVED 2/11/16

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION
Highlands Community
Pool Parking Lot

REQUESTED BY Sumner Wilson

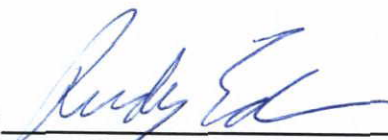
DATE ANALYZED 2/11/16

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 ₂	2.7 ppb
Total Reduced Sulfur	5.3 ppb

*Calibrated using methyl mercaptan. Analyzed for information only, as bag was filled with less than 0.5 L of sample. QC data indicates the instrument drifted by as much as 100% during analysis. This drift is accounted for in the reported values.

Date Approved: 2/25/16

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

JBP
2/25/16

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

**MONITORING & ANALYSIS
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Page 2 of 2

SAMPLE(S) DESCRIBED AS
1 Triggered Tedlar Bag
Bag # 63719

LABORATORY NO. 1604223-01

REQUESTED BY Sumner Wilson

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

	Control (ppb)				Lab Air Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	1.0	0.8	75.6	Carbonyl Sulfide/SO2	2.1 ppb*
Ethyl Mercaptan	1.0	1.3	126.0	Methyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	1.0	1.1	103.4	Ethyl Mercaptan	< 1 ppb
1-Propanethiol	1.0	1.3	127.2	Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb
				Unknown	0.7 ppb*

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.2	50.1	166.1	Methyl Mercaptan	< 1 ppb
Ethyl Mercaptan	31.2	51.7	165.6	Ethyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	31.1	56.5	182.0	Isopropyl Mercaptan	< 1 ppb
1-Propanethiol	30.9	59.4	192.3	1-Propanethiol	< 1 ppb
				Unknown	1 ppb*

*Calibrated using Methyl Mercaptan

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

DISTRICT
 INVOICE
 LAP AT
LABORATORY

WO #: 1604223



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 2/11/16

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. Wimmer / Dr. Zhou Date: 2/11/16 Time: 10:30

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	63719	2/10/16 15:54	15:54	5 m
		Bag is only filled w/ 20.5L of sample JWP		

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Zhouqian</u>	<u>JL</u>	SCAQMD Lab	2/11/16	13:13

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)