

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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TO Jason Low, ADEO
Monitoring & Analysis

LABORATORY NO. 1627133-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
1 Triggered Tedlar Bag
Bag #09262016-01

DATE RECEIVED 9/27/16

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION
Highlands Community
Pool Parking Lot

REQUESTED BY Sumner Wilson

DATE ANALYZED 9/27/16

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	3 ppb
Total Reduced Sulfur	5 ppb

*Calibrated using methyl mercaptan

N2 bag blank total reduced sulfur measured at 6 ppb; N2 bag blank not subtracted from final result.

Date Approved: 11/9/2017

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

JLW
01/31/17

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**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	2.0	1.8	87.1	Carbonyl Sulfide/SO2	< 2 ppb*
Ethyl Mercaptan	2.1	1.7	83.2	Methyl Mercaptan	< 2 ppb
Isopropyl Mercaptan	2.1	2.0	94.2	Ethyl Mercaptan	< 2 ppb
1-Propanethiol	2.1	2.0	99.0	Isopropyl Mercaptan	< 2 ppb
				1-Propanethiol	< 2 ppb

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.2	28.5	94.6	Unknown	< 2 ppb*
Ethyl Mercaptan	31.2	29.9	95.9	Carbonyl Sulfide/SO2	6 ppb*
Isopropyl Mercaptan	31.1	28.9	93.1	Methyl Mercaptan	< 2 ppb
1-Propanethiol	30.9	27.5	88.9	Ethyl Mercaptan	< 2 ppb
				Unknown	6 ppb*
				Isopropyl Mercaptan	< 2 ppb
				1-Propanethiol	< 2 ppb

*Calibrated using Methyl Mercaptan

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

DISTRICT IN
 INVOICE SOU
 LAP AUDIT
 LABORATORY

1627133



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~~ ^{ee} 9/27/16
 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: Dion Zhou Date: 9/27/16 Time: 12:30 pm

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	09262016-01	9/26/16	2/110	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
Zhoujian		SCAQMD Lab	09/27/16	14:45 JBP

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)