

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
Atmospheric Measurements Manager
Science and Technology Advancement

LABORATORY NO. 1617539-02

FACILITY ID _____

SAMPLE(S) DESCRIBED AS

Triggered Sample
Bag 062316-02

DATE RECEIVED 6/23/16

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION

Highlands Community Center

REQUESTED BY Sumner Wilson

DATE ANALYZED 6/23/16


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	< 1 ppb*
Total Reduced Sulfur	< 1 ppb*

*Calibrated using methyl mercaptan

Date Approved: 6/29/16

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

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SAMPLE(S) DESCRIBED AS

1 Grab Sample Tedlar Bag

LABORATORY NO.

1617539-02

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	1.01	0.96	95.5	Carbonyl Sulfide/SO2	1*
Ethyl Mercaptan	1.04	1.12	107.7	Methyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	1.04	0.91	87.9	Ethyl Mercaptan	< 1 ppb
1-Propanethiol	1.03	1.21	117.5	Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.15	32.19	106.8	Carbonyl Sulfide/SO2	1.7*
Ethyl Mercaptan	31.20	32.38	103.8	Ethyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	31.05	30.47	98.1	Isopropyl Mercaptan	< 1 ppb
1-Propanethiol	30.90	29.8	96.4	1-Propanethiol	< 1 ppb

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

DISTRICT
 INVOICE
 LAP AU
LABORAT



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~~ 06/23/16
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 Zhan Date: 6/23/16 Time: 9:55

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	062316-01	06/23/16	9:50	5 m
Highlands Community	062316-02	06/23/16	9:50	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
Zhan Qian	[Signature]	SCAQMD Lab	06/23/16	11:32 am

Remarks: Samples collected by remote lung sampler, trigger by Thermo 55i sampler
QZhan operated the sampler at Highlands station to collect the tedlar bag sample with grab bag
sample. The grab bag is taken by the trigger bag sampler.
Trigger is set to 35ppm next to QZ

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