

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 Marian Coleman, Sr. Enforcement Manager
Compliance & Enforcement

LABORATORY NO. 1717004-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS

1 Tedlar Bag
Bag #NX3224

DATE RECEIVED 6/19/17

PROJECT/ ST NO/ RULE R 402

SAMPLING LOCATION

Residence
Huntington Beach, CA 92647

REQUESTED BY Kraig Morris

DATE ANALYZED 6/20/17


ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS


Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Hydrogen sulfide by Jerome Handheld Analyzer OAG QA0007

	Result
Hydrogen sulfide	< 10 ppb ¹
Total Reduced Sulfur	< 10 ppb ²

¹ 7 ppb hydrogen sulfide determined with handheld Jerome H₂S analyzer following blank subtraction; see JHA5-1-31

² Calibrated using methyl mercaptan

Date Reviewed: 07/11/17 Reviewed By: 
Brad Parrack, Senior A.Q.Chemist
Laboratory Services

Date Approved: 7/14/17 Approved By: 
Aaron Katzenstein, Ph.D., Senior Manager
Laboratory Services
(909) 396-2219

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

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	29.3	22.3	76	Methyl Mercaptan	< 10
Ethyl Mercaptan	30.6	37.0	121	Ethyl Mercaptan	< 10
Isopropyl Mercaptan	30.2	31.7	105	Isopropyl Mercaptan	< 10
1-Propanethiol	30.8	33.3	108	1-Propanethiol	< 10
Hydrogen sulfide ¹	20	22	110	Unknown	2

	Control (ppb)		
	Prepared	Measured	% Recovery
Methyl Mercaptan	4.9	4.0	82
Ethyl Mercaptan	5.1	4.4	86
Isopropyl Mercaptan	5.0	5.6	111
1-Propanethiol	5.1	6.0	116

¹ hydrogen sulfide determined with handheld Jerome H2S analyzer following blank subtraction; see JHA5-1-31

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

INFORMATION

LA



TO: SCAQMD LAB: OTHER:

SOURCE NAME: Residence I.D. No. _____

Source Address: 16581 Trudy Ln. City: Huntington Beach

Mailing Address: 2000 MAIN ST. City: Huntington Beach Zip: 92648

Contact Person: Paul Fredericks Title: Fire Captain Tel: (714) 271-5756

Analysis Requested by: Kraig Morris Date: 6/19/17

Approved by: _____ Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) 402 Other

Sample Collected by: Paul Fredericks Date: 6/18/17 Time: 2226

SAMPLE DESCRIPTION:

Strong sulfur smell. Wind was from North 2 mph.
smell intensity was a 3 on a scale of 0-5.
Duration of event was approx. 15 min.
Sample was collected & stored overnight in secure location
at FB Fire Dept. #8 and Fire Personnel Mr. Kyle Kraneer who
Relinquished the sample to Inspector Kraig Morris
the morning of 6/19/17.

Sulfur ANALYSIS
EDH NX3224

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
Kyle Kraneer	Kraig Morris	SCAQMD	0950	6/19/17
Kraig Morris	Scott Bartels	SCAQMD	6/19/17	11:15am

Remarks: