

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 Victor Yip, Senior Enforcement Manager
Compliance & Enforcement

LABORATORY NO. 1729102-02

FACILITY ID NA

SAMPLE(S) DESCRIBED AS

1 Tedlar Bag
NX3236

DATE RECEIVED 10/18/17

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION

Upstairs room in a private residence
Huntington Beach CA, 92647

REQUESTED BY Kraig Morris

DATE ANALYZED 10/18/17

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

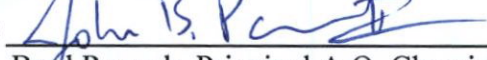
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result
Hydrogen sulfide	< 1 ppb ¹
Carbonyl sulfide/SO ₂	< 1 ppb
Total Reduced Sulfur	< 1 ppb ²


¹ Confirmed with Jerome Handheld H₂S Analyzer

² Calibrated using Carbonyl Sulfide

Date Reviewed: 10/20/17

Reviewed By: 
Brad Parrack, Principal A.Q. Chemist
Laboratory Services

Date Approved: 10/20/17

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

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REPORT OF LABORATORY ANALYSIS**

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LABORATORY NO.

1729102-02

REQUESTED BY

Kraig Morris

**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
Hydrogen Sulfide ¹	30.8	30.0	97.6	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	30.8	24.5	79.6	Carbonyl Sulfide/SO2	<1 ppb
Dimethyl Sulfide	31.4	26.2	83.6	Methyl Mercaptan	< 1 ppb ²
				Ethyl Mercaptan	< 1 ppb ²
				Dimethyl Sulfide	< 1 ppb
				Isopropyl Mercaptan	< 1 ppb ²
				T-Butyl Mercaptan	< 1 ppb ²
				1-Propanethiol	< 1 ppb ²
	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide ¹	20.0	19	95.0	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	5.1	3.88	75.7	Carbonyl Sulfide/SO2	< 1 ppb
Dimethyl Sulfide	5.2	4.27	81.7	Methyl Mercaptan	< 1 ppb ²
				Ethyl Mercaptan	< 1 ppb ²
				Dimethyl Sulfide	< 1 ppb
				Isopropyl Mercaptan	< 1 ppb ²
				T-Butyl Mercaptan	< 1 ppb ²
				1-Propanethiol	< 1 ppb ²

¹ Measured with Jerome Handheld Analyzer

² Calibrated using carbonyl sulfide

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

- DISTRICT INFORMATION
 INVOICE SOURCE
 LAP AUDIT

LABORATORY NO 1729102-02

TO: SCAQMD LAB: OTHER:

SOURCE NAME: Sample collected @ 6022 Manorfield, HB I.D. No. _____

Source Address: 18591 Edward St. HB Five #6 City: Huntington Beach

Mailing Address: 2000 MAIN st. City: Huntington Beach Zip: 92647

Contact Person: Captain Culhane Title: Five Captain Tel: (714)625-6606

Analysis Requested by: Kraig Morris Date: 10/18/17

Approved by: [Signature] Office: _____ Budget #: _____

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Capt. Culhane Date: 10/17/17 Time: 1703

SAMPLE DESCRIPTION:

odor sample was collected from upstairs room of private residence @ 6022 Manorfield, Huntington Beach. Odor was petroleum gas w/ sulfur smell. Intensity was 2 out of 5. This odor indoors was consistent with odor detected outdoors at time of arrival. Unable to collect outdoor sample.

REQUESTED ANALYSIS: Sulfur Analysis Sample ID# NX3236

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Joshua Hyink</u>	<u>Kraig Morris</u>	<u>SCAQMD</u>	<u>10/18/17</u>	<u>0800</u>
<u>Kraig Morris</u>	<u>HPhillipson</u>	<u>SCAQMDlab</u>	<u>10/18/17</u>	<u>1105</u>

Remarks: