

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, Senior Enforcement Manager  
Industrial Operations

LABORATORY NO. 1706131-01

DATE RECEIVED 3/2/17

SAMPLE(S) DESCRIBED AS

1 Tedlar Bag  
Bag # 150775

FACILITY ID NA

REQUESTED BY Kraig Morris

SAMPLING LOCATION

Building at location  
4352 Pickwick  
Huntington Beach CA, 92649

PROJECT/ST NO. 402

REPORT GENERATED 3/3/2017

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ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

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

Hydrogen Sulfide by SCAQMD OAG QA0007

	Result
Hydrogen sulfide	5 ppb <sup>1</sup>
Total Reduced Sulfur	< 10 ppb <sup>2</sup>

<sup>1</sup> Result background subtracted from lab air.

<sup>2</sup> Result calibrated as methyl mercaptan.

Date Reviewed: 03/07/17

Reviewed By:   
Joan Niertit, Principal A.Q. Chemist  
Laboratory Services

Date Approved: 3/7/17

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

589  
31710

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

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1 Tedlar Bag  
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**LABORATORY NO.** 1706131-01

**REQUESTED BY** Kraig Morris

**DATE ANALYZED** 3/2/17

**Total Reduced Sulfur (TRS) by SCAQMD Method 307-91  
Hydrogen Sulfide by SCAQMD OAG QA0007  
Quality Control Tests and Results Matrix**

<b>Sensitivity Check (ppb)</b>				<b>Lab Air Blank (ppb)</b>	
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Methyl Mercaptan	10.0	6.7	66.9	Carbonyl Sulfide/SO2	< 10 ppb*
Ethyl Mercaptan	9.6	6.9	72.1	Methyl Mercaptan	< 10 ppb
Isopropyl Mercaptan	9.9	6.1	61.6	Ethyl Mercaptan	< 10 ppb
1-Propanethiol	9.1	5.8	63.8	Isopropyl Mercaptan	< 10 ppb
Hydrogen Sulfide	10.2	12	114.4	1-Propanethiol	< 10 ppb
				Hydrogen Sulfide	3 ppb
<b>Calibration Drift (ppb)</b>				<b>N2 Bag Blank (ppb)</b>	
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Methyl Mercaptan	30.0	22.8	76.2	Unknown	< 10 ppb*
Ethyl Mercaptan	28.8	20.6	71.6	Carbonyl Sulfide/SO2	< 10 ppb*
Isopropyl Mercaptan	29.7	21.5	72.2	Methyl Mercaptan	< 10 ppb
1-Propanethiol	27.3	20.3	74.4	Ethyl Mercaptan	< 10 ppb
Hydrogen Sulfide	10.2	11.5	112.7	Isopropyl Mercaptan	< 10 ppb
				1-Propanethiol	< 10 ppb

\*Calibrated using Methyl Mercaptan

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

DISTRICT  
 INVOICE  
 LAP AUI  
LABORATORY

1706131



TO: SCAQMD LAB:  OTHER:   
SOURCE NAME: Building at Location I.D. No. \_\_\_\_\_  
Source Address: 4352 Pickwick City: Huntington Beach  
Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_  
Contact Person: DARRIN WITT Title: FIRE CAPTAIN Tel: (714) 536-5928

Analysis Requested by: KRAIG MORRIS Date: 3/2/17  
Approved by: [Signature] Office: CIE Budget #: 50-375  
REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill   
Suspected Violation Rule(s) 402 Other

Sample Collected by: DARRIN WITT Date: 3/1/17 Time: 15:30

**SAMPLE DESCRIPTION:**  
ODOR WAS CONSISTENT WITH "ODOR" FROM "OFF SHORE"  
THAT MOVES THROUGH HUNTINGTON BEACH. "ROTTEN EGG"  
TYPE SMELL. ODOR WAS INTENSE INSIDE BUILDING; 4 OUT OF 5,  
SAMPLE COLLECTED INSIDE INTERIOR STAIRWELL  
AT 4352 PICKWICK HUNT. BCH. 92649

ID# 150775

REQUESTED ANALYSIS: SULFUR ANALYSIS

Relinquished by	Received by	Firm/Agency	Date	Time
Kraig Morris	DARRIN WITT	HUNT. BCH. FD	2/23/17	1515
DARRIN WITT	Kraig Morris	SCAQMD	3/2/17	0905
Kraig Morris	[Signature]	Laboratory	3/2/17	10:55am

Remarks: