

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. 1731202-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS  
1 Tedlar Bag

DATE RECEIVED 11/8/17

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Intersection of Slater Ave. & Newland Street  
Huntington Beach, CA 92647

REQUESTED BY Peter Campbell

DATE ANALYZED 11/8/17

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ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result	
Hydrogen sulfide	14	ppb <sup>1</sup>
Carbonyl sulfide/SO2	1	ppb <sup>2</sup>
Total Reduced Sulfur	14	ppb


<sup>1</sup> Analyzed with Jerome Handheld H<sub>2</sub>S Analyzer

<sup>2</sup> Calibrated using Carbonyl Sulfide

Date Reviewed: 11/14/17

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

Date Approved: 11/15/17

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

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**SAMPLE(S) DESCRIBED AS**

1 Tedlar Bag

**LABORATORY NO.** 1731202-01

**REQUESTED BY** Peter Campbell

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

<b>Control (ppb)</b>			<b>Lab Air Blank (ppb)</b>		
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>	<b>Measured</b>	
Hydrogen Sulfide <sup>1</sup>	20	19	95.0	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	30.8	21.8	70.9	Carbonyl Sulfide/SO2	<1 ppb
Dimethyl Sulfide	31.4	22.7	72.5	Methyl Mercaptan	< 1 ppb <sup>2</sup>
				Ethyl Mercaptan	< 1 ppb <sup>2</sup>
				Dimethyl Sulfide	< 1 ppb
				Isopropyl Mercaptan	< 1 ppb <sup>2</sup>
				T-Butyl Mercaptan	< 1 ppb <sup>2</sup>
				1-Propanethiol	< 1 ppb <sup>2</sup>
<b>Calibration Drift (ppb)</b>			<b>N2 Bag Blank (ppb)</b>		
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>	<b>Measured</b>	
Hydrogen Sulfide <sup>1</sup>	20	19	95.0	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	5.1	3.7	72.2	Carbonyl Sulfide/SO2	1 ppb
Dimethyl Sulfide	5.2	4.1	78.5	Methyl Mercaptan	< 1 ppb <sup>2</sup>
				Ethyl Mercaptan	< 1 ppb <sup>2</sup>
				Dimethyl Sulfide	< 1 ppb
				Isopropyl Mercaptan	< 1 ppb <sup>2</sup>
				T-Butyl Mercaptan	< 1 ppb <sup>2</sup>
				1-Propanethiol	< 1 ppb <sup>2</sup>

<sup>1</sup> Measured with Jerome Handheld Analyzer

<sup>2</sup> Calibrated using carbonyl sulfide



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

DISTRICT  
 INVOICE  
LABORATORY

1731202



TO: SCAQMD LAB: X OTHER:

SOURCE NAME: N/A I.D. No. \_\_\_\_\_

Source Address: \_\_\_\_\_ City: Huntington Beach

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Peter Campbell Date: 11/8/17

Approved by: FRED GONZALEZ Office: Compliance Budget #: 60-375

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

Suspected Violation Rule(s) 902 Other

Sample Collected by: Peter Campbell Date: 11/7/17 Time: 1505

Specify the description and location where the sample was collected:

Detected sulfur odor at intersection of Slater & Newland in Huntington Beach, odor intensity 2-3, winds 3-4 mph from SW.

Tedlar bag

Analysis Requested: Sulfur

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Peter Campbell</u>	<u>K. de Leon</u>	<u>SCAQMD</u>	<u>11/8/17</u>	<u>0722</u>
<u>K. de Leon</u>	<u>[Signature]</u>	<u>SCAQMD</u>	<u>11/8/17</u>	<u>0735</u>

Remarks: