

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, ADEO
Compliance & Enforcement

LABORATORY NO. 1724128-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
1 Tedlar Bag

DATE RECEIVED 8/29/17

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION

HB Fire Station #2
16221 Gothard Street
Huntington Beach CA, 92647

REQUESTED BY Peter Campbell

DATE ANALYZED 8/29/17

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

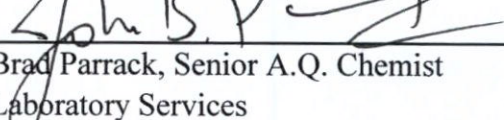
Sulfur Analysis by SCAQMD Method 307-91
Hydrogen Sulfide Analysis by Jerome OAG QA0007

	Result
Hydrogen sulfide	16 ppb ¹
Carbonyl sulfide/SO ₂	< 1 ppb ²
Unknown	< 1 ppb ²


¹ Analyzed with Jerome Handheld H₂S Analyzer

² Calibrated using dimethyl sulfide

Date Reviewed: 08/30/17

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

Date Approved: 8/31/2017

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

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**Sulfur Analysis by SCAQMD Method 307-91
Hydrogen Sulfide Analysis by Jerome OAG QA0007
Quality Control Tests and Results Matrix**

	Calibration Drift (ppb)				Lab Air Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide ¹	31	31	100	Unknown ²	< 1 ppb
Carbonyl Sulfide	30	31	103	Carbonyl Sulfide/SO ₂ ²	< 1 ppb
Dimethyl Sulfide	30	31	104	Methyl Mercaptan ²	< 1 ppb
				Ethyl Mercaptan ²	< 1 ppb
				Isopropyl Mercaptan ²	< 1 ppb
				1-Propanethiol ²	< 1 ppb
				Hydrogen Sulfide ¹	3 ppb
				Carbonyl Sulfide	< 1 ppb
				Dimethyl Sulfide	< 1 ppb

	Sensitivity Check (ppb)			N₂ Bag Blank (ppb)
	Prepared	Measured		Measured
Carbonyl Sulfide	1	2	Carbonyl Sulfide/SO ₂ ²	< 1 ppb
Dimethyl Sulfide	1	1	Methyl Mercaptan ²	< 1 ppb
			Ethyl Mercaptan ²	< 1 ppb
			Isopropyl Mercaptan ²	< 1 ppb
			Unknown ²	2 ppb
			Carbonyl Sulfide	< 1 ppb
			Dimethyl Sulfide	< 1 ppb

¹ Analyzed with Jerome Handheld H₂S Analyzers

² Calibrated using Dimethyl Sulfide

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

DISTRICT
 INVOICE
LABORATORY



TO: SCAQMD LAB: X OTHER:

SOURCE NAME: HB Fire Station #2 I.D. No. _____

Source Address: 16221 Gothard St. City: Huntington Beach

Mailing Address: 2000 Main St. City: Huntington Beach Zip: 92648-7 JRP

Contact Person: Rex Rysewyk Title: Fire Captain Tel: (760) 468-0291

Analysis Requested by: Peter Campbell Date: 8/29/17

Approved by: Fred Gonzalez Office: Compliance Budget #: 60375

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Rysewyk Date: 8/28/17 Time: 1130

SAMPLE DESCRIPTION

Odor sample from outside atmosphere
Gothard/Murdy Circle
wind 5mph from south west

Tedlar 1

Analysis Requested: VOC Sulfur ^{pc 8/29/17}

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Peter Campbell</u>	<u>C. Schmelz</u>	<u>SCAQMD Lab</u>	<u>8/29/17</u>	<u>11:56</u>

Remarks: