

**NATLSCO****LABORATORY ANALYSIS REPORT**

National Loss Control Service Corporation
Long Grove, Illinois 60049-0075
(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE OCT. 16, 1992

SAMPLES REC'D OCT. 13, 1992

REQUEST NUMBER 178652

PAGE NUMBER 1 OF REQUEST.

TO: GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-2	VINYL CHLORIDE	1.4	0.02
10-5	VINYL CHLORIDE	1.4	0.02
10-7	VINYL CHLORIDE	5.9	0.08
10-12	VINYL CHLORIDE	<1.3	<0.02
10-17	VINYL CHLORIDE	2.2	0.03
10-19	VINYL CHLORIDE	9.0	0.13
10-23	VINYL CHLORIDE	2.9	0.04
10-29	VINYL CHLORIDE	3.4	0.05
10-31	VINYL CHLORIDE	12	0.17
10-35	VINYL CHLORIDE	<1.3	<0.02
10-39	VINYL CHLORIDE	5.1	0.07
10-41	VINYL CHLORIDE	8.8	0.12
10-43	VINYL CHLORIDE	<1.4	<0.02
10-45	VINYL CHLORIDE	<1.4	<0.02
10-47	VINYL CHLORIDE	3.6	0.05

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8669

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

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GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-50	VINYL CHLORIDE	7.8	0.16
10-55	VINYL CHLORIDE	<1.4	<0.02
10-56	VINYL CHLORIDE	3.3	0.05
10-61	VINYL CHLORIDE	32	0.47
10-63	VINYL CHLORIDE	5.2	0.10
10-64	VINYL CHLORIDE	1.7	0.03
10-65	VINYL CHLORIDE	3.4	0.07
10-66	VINYL CHLORIDE	2.6	0.05
10-67	VINYL CHLORIDE	<1.4	<0.03
10-77	VINYL CHLORIDE	9.5	0.13
10-79	VINYL CHLORIDE	10	0.14
10-83	VINYL CHLORIDE	2.3	0.03
10-84	VINYL CHLORIDE	2.1	0.03
10-85	VINYL CHLORIDE	5.1	0.07
10-91	VINYL CHLORIDE	14	0.20

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
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OCC 8670

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LABORATORY ANALYSIS REPORT

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REQUEST NUMBER 178654
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TO: GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSVILLE PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-93	VINYL CHLORIDE	4.3	0.06
10-103	VINYL CHLORIDE	2.8	0.04
10-105	VINYL CHLORIDE	16	0.22
10-107	VINYL CHLORIDE	14	0.20
10-108	VINYL CHLORIDE	9.1	0.13
10-109	VINYL CHLORIDE	3.7	0.05
10-114	VINYL CHLORIDE	1.7	0.02
10-115	VINYL CHLORIDE	4.4	0.06
10-116	VINYL CHLORIDE	3.4	0.05
10-118	VINYL CHLORIDE	3.1	0.04
10-125	VINYL CHLORIDE	5.2	0.07
10-126	VINYL CHLORIDE	3.1	0.04
10-127	VINYL CHLORIDE	36	0.50
10-132	VINYL CHLORIDE	<1.3	<0.02
10-152	VINYL CHLORIDE	<1.3	<0.02

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
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OCC 8671

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE OCT. 16, 1992

SAMPLES REC'D OCT. 13, 1992

REQUEST NUMBER 178655

PAGE NUMBER 1 OF REQUEST.

TO: GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-154	VINYL CHLORIDE	<1.3	<0.02
10-157	VINYL CHLORIDE	1.3	0.02
10-159	VINYL CHLORIDE	<1.3	<0.02
10-188	VINYL CHLORIDE	1.4	0.02
10-194	VINYL CHLORIDE	2.4	0.05
10-203	VINYL CHLORIDE	3.4	0.07
10-209	VINYL CHLORIDE	4.1	0.08
10-212	VINYL CHLORIDE	3.4	0.07
10-215	VINYL CHLORIDE	<1.3	<0.03
10-223	VINYL CHLORIDE	<1.3	<0.02
10-225	VINYL CHLORIDE	1.4	0.03
10-227	VINYL CHLORIDE	<1.3	<0.03
10-229	VINYL CHLORIDE	<1.3	<0.02
10-232	VINYL CHLORIDE	3.4	0.07
10-235	VINYL CHLORIDE	1.4	0.03

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
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OCC 8672

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LABORATORY ANALYSIS REPORT

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REQUEST NUMBER 178656

PAGE NUMBER 1 OF REQUEST.

TO: GERALD D. LLOYD
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BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-240	VINYL CHLORIDE	1.6	0.03
10-245	VINYL CHLORIDE	<1.3	<0.02
10-247	VINYL CHLORIDE	<1.3	<0.03
10-249	VINYL CHLORIDE	<1.3	<0.02
10-255	VINYL CHLORIDE	<1.3	<0.03
10-259	VINYL CHLORIDE	2.7	0.05
10-289	VINYL CHLORIDE	2.6	0.04
10-293	VINYL CHLORIDE	2.2	0.03
10-298	VINYL CHLORIDE	1.9	0.03
10-301	VINYL CHLORIDE	<1.3	<0.02
10-305	VINYL CHLORIDE	1.6	0.03
10-306	VINYL CHLORIDE	<1.3	<0.02
10-312	VINYL CHLORIDE	<1.3	<0.02
10-315	VINYL CHLORIDE	<1.3	<0.02
10-316	VINYL CHLORIDE	<1.3	<0.02

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
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OCC 8673

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

REPORT DATE OCT. 16, 1992

SAMPLES REC'D OCT. 13, 1992

REQUEST NUMBER 178657

PAGE NUMBER 1 OF REQUEST.

TO:

GERALD D. LLOYD
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ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-319	VINYL CHLORIDE	<1.3	<0.02
10-321	VINYL CHLORIDE	<1.3	<0.02
10-378	VINYL CHLORIDE	4.2	0.06
10-386	VINYL CHLORIDE	2.9	0.06
BLANK	BLANK.... VINYL CHLORIDE		NONE DETECTED

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8674

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE OCT. 16, 1992

SAMPLES REC'D OCT. 13, 1992

REQUEST NUMBER 178652

PAGE NUMBER OF REQUEST.

TO:

GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

	ANALYSIS REQUESTED	METHODOLOGY
	VINYL CHLORIDE	OSHA METHOD 04

Respectfully submitted,

Joan A. Wronski
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OCC 8675

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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Address ARMAND HAMMER BLVD.
POTTSTOWN, PA 19464
Bus. Tel. No. (215) 327-6599

ANALYSIS REQUEST

No. 178652

*bottom of
Drum (2 bags)
1-9/10/6*

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR-	LABORATORY NO.	RESULTS
10-2	695	VINYL CHLORIDE	086549	•
10-5	700	" "	086550	•
10-7	690	" "	086551	•
10-12	695	" "	086552	•
10-17	705	" "	086553	•
10-19	660	" "	086554	•
10-23	690	" "	086555	•
10-29	685	" "	086556	•
10-31	690	" "	086557	•
10-35	700	" "	086558	•
10-39	700	" "	086559	•
10-41	710	" "	086560	•
10-43	680	" "	086561	•
10-45	675	" "	086562	•
10-47	685	" "	086563	•

COMMENTS:

DATE SAMPLES TAKEN

10-4-92 thru 10-12-92

DATE RECEIVED BY
LABORATORY

10/13/92

DATE COMPLETED

10/16/92

ANALYTICAL METHOD:

OCC 8676

GC#31 - 23 p 168-170

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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No.178653

ANALYSIS REQUEST

Pg 2 of 6

FIELD NUMBER	(MINUTES) SAMPLING VOLUME	ANALYZE FOR-	LABORATORY NO.	RESULTS
10-50	460	VINYL CHLORIDE	086564	•
10-55	685	" "	086565	•
10-56	685	" "	086566	•
10-61	660	" "	086567	•
10-63	480	" "	086568	•
10-64	480	" "	086569	•
10-65	480	" "	086570	•
10-66	470	" "	086571	•
10-67	465	" "	086572	•
10-77	675	" "	086573	•
10-79	690	" "	086574	•
10-83	690	" "	086575	•
10-84	690	" "	086576	•
10-85	690	" "	086577	•
10-91	690	" "	086578	•

COMMENTS:

DATE SAMPLES TAKEN

10-4-92 THRU 10-12-92

DATE RECEIVED BY
LABORATORY

DATE COMPLETED

ANALYTICAL METHOD:

OCC 8677

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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No. 178654

ANALYSIS REQUEST

pg 3 of 6

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR-	LABORATORY NO.	RESULTS
10-93	690	VINYL CHLORIDE	086579	•
10-103	690	" "	086580	•
10-105	690	" "	086581	•
10-107	680	" "	086582	•
10-108	690	" "	086583	•
10-109	690	" "	086584	•
10-114	685	" "	086585	•
10-115	690	" "	086586	•
10-116	690	" "	086587	•
10-118	685	" "	086588	•
10-125	690	" "	086589	•
10-126	680	" "	086590	•
10-127	690	" "	086591	•
10-132	685	" "	086592	•
10-152	480	" "	086593	•

COMMENTS:

DATE SAMPLES TAKEN

10-4-92 thru 10-12-92

DATE RECEIVED BY
LABORATORY

10/13/92

DATE COMPLETED

ANALYTICAL METHOD:

OCC 8678

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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No.178655

ANALYSIS REQUEST

pg 4 of 6

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR--	LABORATORY NO.	RESULTS
10-154	480	VINYL CHLORIDE	086609	•
10-157	495	" "	086610	•
10-159	480	" "	086611	•
10-188	675	" "	086612	•
10-194	480	" "	086613	•
10-203	480	" "	086614	•
10-209	480	" "	086615	•
10-212	470	" "	086616	•
10-215	470	" "	086617	•
10-223	480	" "	086618	•
10-225	480	" "	086619	•
10-227	470	" "	086620	•
10-229	660	" "	086621	•
10-232	460	" "	086622	•
10-235	480	" "	086623	•

COMMENTS:

DATE SAMPLES TAKEN

10-4-92 THRU 10-12-92

DATE RECEIVED BY
LABORATORY

10/13/92

DATE COMPLETED

ANALYTICAL METHOD:

OCC 8679

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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No. 178656

ANALYSIS REQUEST

pg 5 of 6

FIELD NUMBER	(MINUTES) SAMPLING VOLUME	ANALYZE FOR-	LABORATORY NO.	RESULTS
10-240	470	VINYL CHLORIDE	086645	•
10-245	480	" "	086646	•
10-247	465	" "	086647	•
10-249	480	" "	086648	•
10-255	470	" "	086649	•
10-259	480	" "	086650	•
10-289	690	" "	086651	•
10-293	705	" "	086652	•
10-298	675	" "	086653	•
10-301	540	" "	086654	•
10-305	530	" "	086655	•
10-306	480	" "	086656	•
10-312	505	" "	086657	•
10-315	540	" "	086658	•
10-316	540	" "	086659	•

COMMENTS:

DATE SAMPLES TAKEN

10-4-92 THRU 10-12-92

DATE RECEIVED BY
LABORATORY

10/13/92

DATE COMPLETED

ANALYTICAL METHOD:

OCC 8680

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
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Name G. D. Lloyd
Title OCCIDENTAL CHEMICAL CORP.
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No.178657

ANALYSIS REQUEST

120 people

DATE SAMPLES TAKEN
10-4-92 THRU 10-12-92

DATE RECEIVED BY
LABORATORY

10/13/92

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8681