

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Job #:
5403

Login # 2115
Date Received 6/5/0
Report Date 6/5/0
Lab ID # / Lot # 151 / 4
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

<u>Client #</u> 5403-C10	
<u>Lab ID #</u> 151 - 4 - 04	
<u>Location / Description:</u> CLEARANCE kitchen	
<u>AIR SAMPLING DATA</u>	
Time on 00:01	Time off 03:28
Elapsed Time 207 min	
Ave. LPM 8.11	
Sample Volume	1678.77 Liters
<u>FILTER DATA</u>	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
<u>TEM OPERATING PARAMETERS</u>	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	6
Effective Scan Area	0.04974 mm ²
<u>ANALYTICAL SENSITIVITY</u>	
0.0046 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director ALB

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ATTENTION: Pete Connell

Job Site:
Chico Jr High

Job #:
5403

Login # 2115
Date Received 6/5/0
Report Date 6/5/0
Lab ID # / Lot # 151 / 4
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C11
Lab ID #
151 - 4 - 05
Location / Description:
CLEARANCE snack bar room

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

AIR SAMPLING DATA

Time on 00:02 Time off 03:47
Elapsed Time 225 min
Ave. LPM 7.53
Sample Volume 1694.25 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

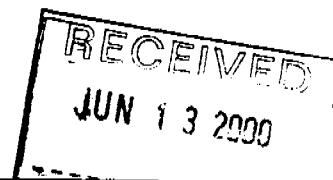
Analyst JK

Lab Director JK

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ASBESTECH

6825 Fair Oaks Blvd., Suite 103, Carmichael, CA 95608 : Tel. (916) 481-8902



TEM Air Filter Analysis Summary Form

Asbestech Lab # 2140-151-5

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/12/00

Date Analyzed 6/12/00

Verbal Results 6/12/00 ;

Fax Results 6/12/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403C13	1854.84	ND	0.0050	< 24.13	< 0.005
5403C14	1854.84	2	0.0050	48.25	0.01
5403C15	1854.84	ND	0.0050	< 24.13	< 0.005
5403C16	1854.84	ND	0.0050	< 24.13	< 0.005
5403C17	1854.84	ND	0.0050	< 24.13	< 0.005

Average Structures per mm² 28.95

Average Structures per CC 0.0060

Lab Director

Analyst

ASBESTECH

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PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2140
Date Received 6/10/0
Report Date 6/12/0
Lab ID # / Lot # 151 / 5
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403C13
Lab ID #
151 - 5 - 01
Location / Description:
CLEARANCE room 303

AIR SAMPLING DATA

Time on 04:31 Time off 08:37

Elapsed Time 246 min

Ave. LPM 7.54

Sample Volume 1854.84 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 5
Effective Scan Area 0.04145 mm²

ANALYTICAL SENSITIVITY

0.0050 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 24.1	< 24.1	< 24.1	< 0.0050
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0050	< 0.0050		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected

G.O. - Grid Opening

Analyst X

Lab Director W. H. H.

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NVLAP #101442

ASBESTECH

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PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2140
Date Received 6/10/0
Report Date 6/12/0
Lab ID # / Lot # 151 / 5
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

<u>Client #</u> 5403C14	
<u>Lab ID #</u> 151 - 5 - 02	
<u>Location / Description:</u> CLEARANCE room 305	
<u>AIR SAMPLING DATA</u>	
Time on 04:32	Time off 08:38
Elapsed Time	246 min
Ave. LPM	7.54
Sample Volume	1854.84 Liters
<u>FILTER DATA</u>	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
<u>TEM OPERATING PARAMETERS</u>	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	5
Effective Scan Area	0.04145 mm ²
<u>ANALYTICAL SENSITIVITY</u>	
0.0050 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION					
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC		
48.3	< 24.1	48.3	0.0100		
Per cc < 5 µm	Per cc ≥ 5 µm				
0.0100	< 0.0050				
ASBESTIFORM STRUCTURE COUNT					
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm
Chrysotile	2	0	Actinolite	0	0
Amosite	0	0	Tremolite	0	0
Crocidolite	0	0	Anthophyllite	0	0
			Fiberglass	0	0
			Gypsum	0	0
			Miscellaneous	0	0
COMMENTS:					
2 Chrysotile structures detected.					

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director J. H. L.

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Job Site:
Chico Jr. High

Job #:
5403

Login # 2140
Date Received 6/10/0
Report Date 6/12/0
Lab ID # / Lot # 151 / 5
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403C15
Lab ID #
151 - 5 - 03
Location / Description:
CLEARANCE room 307

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 24.1	< 24.1	< 24.1	< 0.0050
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0050	< 0.0050		

AIR SAMPLING DATA

Time on 04:33 Time off 08:39
Elapsed Time 246 min
Ave. LPM 7.54
Sample Volume 1854.84 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

ANALYTICAL SENSITIVITY

0.0050 Structures / cc

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst HC

Lab Director JK

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ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2140
Date Received 6/10/0
Report Date 6/12/0
Lab ID # / Lot # 151 / 5
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

<u>Client #</u> 5403C16	
<u>Lab ID #</u> 151 - 5 - 04	
<u>Location / Description:</u> CLEARANCE room 309	
<u>AIR SAMPLING DATA</u>	
Time on 04:34	Time off 08:40
Elapsed Time	246 min
Ave. LPM	7.54
Sample Volume	1854.84 Liters
<u>FILTER DATA</u>	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
<u>TEM OPERATING PARAMETERS</u>	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	5
Effective Scan Area	0.04145 mm ²
<u>ANALYTICAL SENSITIVITY</u>	
0.0050 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 24.1	< 24.1	< 24.1	< 0.0050
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0050	< 0.0050		
ASBESTIFORM STRUCTURE COUNT			
	< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite 0
Amosite	0	0	Tremolite 0
Crocidolite	0	0	Anthophyllite 0
			Fiberglass 0
			Gypsum 0
			Miscellaneous 0
COMMENTS:			
No asbestos structures detected.			

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director K

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Vacaville, CA 95696
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Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Login # 2140
Date Received 6/10/0
Report Date 6/12/0
Lab ID # / Lot # 151 / 5
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403C17 Lab ID # 151 - 5 - 05 Location / Description: CLEARANCE room 311	CALCULATED ASBESTOS STRUCTURE CONCENTRATION <table><tr><td>Per mm² < 5 µm</td><td>Per mm² ≥ 5 µm</td><td>TOTAL₂ Per mm</td><td>TOTAL Per CC</td></tr><tr><td>< 24.1</td><td>< 24.1</td><td>< 24.1</td><td>< 0.0050</td></tr><tr><td>Per cc < 5 µm</td><td>Per cc ≥ 5 µm</td><td></td><td></td></tr><tr><td>< 0.0050</td><td>< 0.0050</td><td></td><td></td></tr></table>	Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ Per mm	TOTAL Per CC	< 24.1	< 24.1	< 24.1	< 0.0050	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0050	< 0.0050														
Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ Per mm	TOTAL Per CC																										
< 24.1	< 24.1	< 24.1	< 0.0050																										
Per cc < 5 µm	Per cc ≥ 5 µm																												
< 0.0050	< 0.0050																												
AIR SAMPLING DATA Time on 04:35 Time off 08:41 Elapsed Time 246 min Ave. LPM 7.54 Sample Volume 1854.84 Liters																													
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm	ASBESTIFORM STRUCTURE COUNT <table><tr><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td></tr><tr><td>Chrysotile</td><td>0</td><td>0</td><td>Actinolite</td><td>0</td><td>0</td><td>Fiberglass 0</td></tr><tr><td>Amosite</td><td>0</td><td>0</td><td>Tremolite</td><td>0</td><td>0</td><td>Gypsum 0</td></tr><tr><td>Crocidolite</td><td>0</td><td>0</td><td>Anthophyllite</td><td>0</td><td>0</td><td>Miscellaneous 0</td></tr></table>		< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		Chrysotile	0	0	Actinolite	0	0	Fiberglass 0	Amosite	0	0	Tremolite	0	0	Gypsum 0	Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm																								
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0																							
Amosite	0	0	Tremolite	0	0	Gypsum 0																							
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0																							
TEM OPERATING PARAMETERS Magnification 20,000 x G.O. Area 0.00829 mm ² G.O. Counted 5 Effective Scan Area 0.04145 mm ²																													
ANALYTICAL SENSITIVITY 0.0050 Structures / cc	COMMENTS: No asbestos structures detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *K*

Lab Director *Handwritten Signature*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Suite 103, Carmichael, CA 95608 : Tel. (916) 481-8902

RECEIVED
JUN 21 2000

TEM Air Filter Analysis Summary Form

Asbestech Lab # 2160-151-7

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/15/00

Date Analyzed 6/16/00

Verbal Results 6/16/00 ;

Fax Results 6/16/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403-C26	1712.75	1	0.0045	20.1	0.0045
5403-C27	1712.75	ND	0.0045	< 20.1	< 0.0045
5403-C28	1712.75	ND	0.0045	< 20.1	< 0.0045
5403-C29	1712.75	ND	0.0045	< 20.1	< 0.0045
5403-C30	1712.75	ND	0.0045	< 20.1	< 0.0045

Average Structures per mm² 20.10

Average Structures per CC 0.0045

Lab Director

[Signature]

Analyst

[Signature]

ASBESTECH

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PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2160
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 7
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C26
Lab ID #
151 - 7 - 01
Location / Description:
CLEARANCE Room 201

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
20.1	< 20.1	20.1	0.0045
Per cc < 5 µm	Per cc ≥ 5 µm		
0.0045	< 0.0045		

AIR SAMPLING DATA
Time on 15:08 Time off 18:49
Elapsed Time 221 min
Ave. LPM 7.75
Sample Volume 1712.75 Liters

FILTER DATA
Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS
Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0045 Structures / cc

ASBESTIFORM STRUCTURE COUNT					
	< 5 µm	≥ 5 µm	< 5 µm	≥ 5 µm	
Chrysotile	1	0	Actinolite	0	Fiberglass 0
Amosite	0	0	Tremolite	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	Miscellaneous 0

COMMENTS:

1 Chrysotile structure detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director J. K. K.

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NVLAP #101442

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ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2160
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 7
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C27
Lab ID #
151 - 7 - 02
Location / Description:
CLEARANCE Room 203

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0045
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0045	< 0.0045		

AIR SAMPLING DATA

Time on 15:09 Time off 18:50
Elapsed Time 221 min
Ave. LPM 7.75
Sample Volume 1712.75 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0045 Structures / cc

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *K*

Lab Director *AK*

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NVI AP #101442

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ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2160
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 7
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C28
Lab ID #
151 - 7 - 03
Location / Description:
CLEARANCE Room 205

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0045
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0045	< 0.0045		

AIR SAMPLING DATA

Time on 15:10 Time off 18:51

Elapsed Time 221 min

Ave. LPM 7.75

Sample Volume 1712.75 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0045 Structures / cc

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *JK*

Lab Director *JK*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2160
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 7
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C29
Lab ID #
151 - 7 - 04
Location / Description:
CLEARANCE Room 209

AIR SAMPLING DATA
Time on 15:11 Time off 18:52
Elapsed Time 221 min
Ave. LPM 7.75
Sample Volume 1712.75 Liters

FILTER DATA
Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS
Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY
0.0045 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

<u>Per mm²</u> <u>< 5 µm</u>	<u>Per mm²</u> <u>≥ 5 µm</u>	<u>TOTAL₂</u> <u>Per mm</u>	<u>TOTAL</u> <u>Per CC</u>
< 20.1	< 20.1	< 20.1	< 0.0045
<u>Per cc</u> <u>< 5 µm</u>	<u>Per cc</u> <u>≥ 5 µm</u>		
< 0.0045	< 0.0045		

ASBESTIFORM STRUCTURE COUNT

	<u>< 5 µm</u>	<u>≥ 5 µm</u>		<u>< 5 µm</u>	<u>≥ 5 µm</u>	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *HC*

Lab Director *[Signature]*

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NVLAP #101442

ASBESTECH

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Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2160
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 7
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C30
Lab ID #
151 - 7 - 05
Location / Description:
CLEARANCE Room 211

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0045
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0045	< 0.0045		

AIR SAMPLING DATA

Time on 15:12 Time off 18:53

Elapsed Time 221 min

Ave. LPM 7.75

Sample Volume 1712.75 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

ANALYTICAL SENSITIVITY

0.0045 Structures / cc

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *X*

Lab Director *Flake*

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ASBESTECH

6825 Fair Oaks Blvd., Suite 103, Carmichael, CA 95608 : Tel. (916) 481-8902

TEM Air Filter Analysis Summary Form

Asbestech Lab # 2204-151-9

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/23/00

Date Analyzed 6/23/00

Verbal Results 6/26/00 ;

Fax Results 6/26/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403-C39	1687.32	ND	0.0046	< 20.1	< 0.0046
5403-C40	1687.32	ND	0.0046	< 20.1	< 0.0046
5403-C41	1687.32	ND	0.0046	< 20.1	< 0.0046
5403-C42	1687.32	ND	0.0046	< 20.1	< 0.0046
5403-C43	1687.32	ND	0.0046	< 20.1	< 0.0046

Average Structures per mm² 20.10

Average Structures per CC 0.0046

Lab Director

Analyst

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2204
Date Received 6/22/0
Report Date 6/23/0
Lab ID # / Lot # 151 / 9
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client

5403-C39

Lab ID

151 - 9 - 01

Location / Description:

Clearance Room 401.

AIR SAMPLING DATA

Time on 16:36 Time off 20:14

Elapsed Time 218 min

Ave. LPM 7.74

Sample Volume 1687.32 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *JK*

Lab Director *W. Esparza*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2204
Date Received 6/22/0
Report Date 6/23/0
Lab ID # / Lot # 151 / 9
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C40
Lab ID #
151 - 9 - 02
Location / Description:
Clearance Room 403.
AIR SAMPLING DATA
Time on 16:37 Time off 20:15
Elapsed Time 218 min
Ave. LPM 7.74
Sample Volume 1687.32 Liters
FILTER DATA
Type MCE
Diameter 25 mm
Area 385 mm ²
Pore Size 0.45 µm
TEM OPERATING PARAMETERS
Magnification 20,000 x
G.O. Area 0.00829 mm ²
G.O. Counted 6
Effective Scan Area 0.04974 mm ²
ANALYTICAL SENSITIVITY
0.0046 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		
ASBESTIFORM STRUCTURE COUNT			
	< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite 0
Amosite	0	0	Tremolite 0
Crocidolite	0	0	Anthophyllite 0
			Fiberglass 0
			Gypsum 0
			Miscellaneous 0
COMMENTS:			
No asbestos structures detected.			

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director W. Esparza

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NVLAP #101442

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6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2204
Date Received 6/22/0
Report Date 6/23/0
Lab ID # / Lot # 151 / 9
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #	5403-C41
Lab ID #	151 - 9 - 03
Location / Description:	Clearance Room 405.
AIR SAMPLING DATA	
Time on 16:38	Time off 20:16
Elapsed Time	218 min
Ave. LPM	7.74
Sample Volume	1687.32 Liters
FILTER DATA	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
TEM OPERATING PARAMETERS	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	6
Effective Scan Area	0.04974 mm ²
ANALYTICAL SENSITIVITY	
0.0046 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		
ASBESTIFORM STRUCTURE COUNT			
	< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite 0
Amosite	0	0	Tremolite 0
Crocidolite	0	0	Anthophyllite 0
			Fiberglass 0
			Gypsum 0
			Miscellaneous 0
COMMENTS:			
No asbestos structures detected.			

KEY:

ND - None Detected
O. - Grid Opening

Analyst *W*

Lab Director *W*

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NVLAP #101442

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6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Login # 2204
Date Received 6/22/0
Report Date 6/23/0
Lab ID # / Lot # 151 / 9
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C42
Lab ID #
151 - 9 - 04
Location / Description:
Clearance Room 407.

AIR SAMPLING DATA

Time on 16:39 Time off 20:17

Elapsed Time 218 min

Ave. LPM 7.74

Sample Volume 1687.32 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director [Signature]

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Login # 2204
Date Received 6/22/0
Report Date 6/23/0
Lab ID # / Lot # 151 / 9
Total Samples 5

ASBESTECH

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C43 Lab ID # 151 - 9 - 05 Location / Description: Clearance Room 409.	CALCULATED ASBESTOS STRUCTURE CONCENTRATION <table border="1"><thead><tr><th>Per mm² < 5 µm</th><th>Per mm² ≥ 5 µm</th><th>TOTAL₂ Per mm</th><th>TOTAL Per CC</th></tr></thead><tbody><tr><td>< 20.1</td><td>< 20.1</td><td>< 20.1</td><td>< 0.0046</td></tr><tr><th>Per cc < 5 µm</th><th>Per cc ≥ 5 µm</th><td></td><td></td></tr><tr><td>< 0.0046</td><td>< 0.0046</td><td></td><td></td></tr></tbody></table>	Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC	< 20.1	< 20.1	< 20.1	< 0.0046	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0046	< 0.0046														
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC																										
< 20.1	< 20.1	< 20.1	< 0.0046																										
Per cc < 5 µm	Per cc ≥ 5 µm																												
< 0.0046	< 0.0046																												
AIR SAMPLING DATA Time on 16:40 Time off 20:18 Elapsed Time 218 min Ave. LPM 7.74 Sample Volume 1687.32 Liters																													
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm	ASBESTIFORM STRUCTURE COUNT <table border="1"><thead><tr><th></th><th>< 5 µm</th><th>≥ 5 µm</th><th></th><th>< 5 µm</th><th>≥ 5 µm</th><th></th></tr></thead><tbody><tr><td>Chrysotile</td><td>0</td><td>0</td><td>Actinolite</td><td>0</td><td>0</td><td>Fiberglass 0</td></tr><tr><td>Amosite</td><td>0</td><td>0</td><td>Tremolite</td><td>0</td><td>0</td><td>Gypsum 0</td></tr><tr><td>Crocidolite</td><td>0</td><td>0</td><td>Anthophyllite</td><td>0</td><td>0</td><td>Miscellaneous 0</td></tr></tbody></table>		< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		Chrysotile	0	0	Actinolite	0	0	Fiberglass 0	Amosite	0	0	Tremolite	0	0	Gypsum 0	Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm																								
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0																							
Amosite	0	0	Tremolite	0	0	Gypsum 0																							
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0																							
TEM OPERATING PARAMETERS Magnification 20,000 x G.O. Area 0.00829 mm ² G.O. Counted 6 Effective Scan Area 0.04974 mm ²																													
ANALYTICAL SENSITIVITY 0.0046 Structures / cc	COMMENTS: No asbestos structures detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst

Lab Director

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ASBESTECH

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TEM Air Filter Analysis Summary Form

Asbestech Lab # 2249-151-14

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/30/00

Date Analyzed 7/2/00

Verbal Results 7/2/00 ;

Fax Results 7/2/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403-C52	1798.58	1	0.0043	20.1	0.0043
5403-C53	1798.58	ND	0.0043	< 20.1	< 0.0043
5403-C54	1798.58	ND	0.0043	< 20.1	< 0.0043
5403-C55	1798.58	ND	0.0043	< 20.1	< 0.0043
5403-C56	1798.58	ND	0.0043	< 20.1	< 0.0043

Average Structures per mm² 20.10

Average Structures per CC 0.0043

Lab Director Debra Analyst W

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Login # 2249
Date Received 6/30/0
Report Date 7/2/0
Lab ID # / Lot # 151 / 14
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C52 Lab ID # 151 - 14 - 01 Location / Description: CLEAR north skylight	CALCULATED ASBESTOS STRUCTURE CONCENTRATION <table><tr><td>Per mm² < 5 µm 20.1</td><td>Per mm² ≥ 5 µm < 20.1</td><td>TOTAL₂ Per mm 20.1</td><td>TOTAL Per CC 0.0043</td></tr><tr><td>Per cc < 5 µm 0.0043</td><td>Per cc ≥ 5 µm < 0.0043</td><td></td><td></td></tr></table>	Per mm² < 5 µm 20.1	Per mm² ≥ 5 µm < 20.1	TOTAL₂ Per mm 20.1	TOTAL Per CC 0.0043	Per cc < 5 µm 0.0043	Per cc ≥ 5 µm < 0.0043																						
Per mm² < 5 µm 20.1	Per mm² ≥ 5 µm < 20.1	TOTAL₂ Per mm 20.1	TOTAL Per CC 0.0043																										
Per cc < 5 µm 0.0043	Per cc ≥ 5 µm < 0.0043																												
AIR SAMPLING DATA Time on 10:56 Time off 14:19 Elapsed Time 203 min Ave. LPM 8.86 Sample Volume 1798.58 Liters																													
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm	ASBESTIFORM STRUCTURE COUNT <table><tr><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td></tr><tr><td>Chrysotile</td><td>1</td><td>0</td><td>Actinolite</td><td>0</td><td>0</td><td>Fiberglass 0</td></tr><tr><td>Amosite</td><td>0</td><td>0</td><td>Tremolite</td><td>0</td><td>0</td><td>Gypsum 0</td></tr><tr><td>Crocidolite</td><td>0</td><td>0</td><td>Anthophyllite</td><td>0</td><td>0</td><td>Miscellaneous 0</td></tr></table>		< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		Chrysotile	1	0	Actinolite	0	0	Fiberglass 0	Amosite	0	0	Tremolite	0	0	Gypsum 0	Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm																								
Chrysotile	1	0	Actinolite	0	0	Fiberglass 0																							
Amosite	0	0	Tremolite	0	0	Gypsum 0																							
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0																							
TEM OPERATING PARAMETERS Magnification 20,000 x G.O. Area 0.00829 mm ² G.O. Counted 6 Effective Scan Area 0.04974 mm ²																													
ANALYTICAL SENSITIVITY 0.0043 Structures / cc	COMMENTS: 1 Chrysotile structure detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *W*

Lab Director *Blair*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Job #:
5403

Login # 2249
Date Received 6/30/0
Report Date 7/2/0
Lab ID # / Lot # 151 / 14
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C53	
Lab ID # 151 - 14 - 02	
Location / Description: CLEAR central skylight	
AIR SAMPLING DATA	
Time on 10:57	Time off 14:20
Elapsed Time	203 min
Ave. LPM	8.86
Sample Volume	1798.58 Liters
FILTER DATA	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
TEM OPERATING PARAMETERS	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	6
Effective Scan Area	0.04974 mm ²
ANALYTICAL SENSITIVITY	
0.0043 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0043
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0043	< 0.0043		
ASBESTIFORM STRUCTURE COUNT			
	< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite 0
Amosite	0	0	Tremolite 0
Crocidolite	0	0	Anthophyllite 0
			Fiberglass 0
			Gypsum 0
			Miscellaneous 0
COMMENTS:			
No asbestos structures detected.			

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *JK*

Lab Director *JK*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Job #:
5403

Login # 2249
Date Received 6/30/0
Report Date 7/2/0
Lab ID # / Lot # 151 / 14
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C54
Lab ID #
151 - 14 - 03
Location / Description:
CLEAR central skylight

AIR SAMPLING DATA

Time on 10:58 Time off 14:21

Elapsed Time 203 min

Ave. LPM 8.86

Sample Volume 1798.58 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0043 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL, Per mm ²	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0043
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0043	< 0.0043		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *K*

Lab Director *AK*

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Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Job #:
5403

Login # 2249
Date Received 6/30/0
Report Date 7/2/0
Lab ID # / Lot # 151 / 14
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C55
Lab ID #
151 - 14 - 04
Location / Description:
CLEAR south skylight

AIR SAMPLING DATA

Time on 10:59 Time off 14:22

Elapsed Time 203 min

Ave. LPM 8.86

Sample Volume 1798.58 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0043 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0043
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0043	< 0.0043		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *JK*

Lab Director *JK*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: Pete Connell

Job Site:
Chico Jr High

Login # 2249
Date Received 6/30/0
Report Date 7/2/0
Lab ID # / Lot # 151 / 14
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C56 Lab ID # 151 - 14 - 05 Location / Description: CLEAR south skylight	CALCULATED ASBESTOS STRUCTURE CONCENTRATION <table><tr><td>Per mm² < 5 µm</td><td>Per mm² ≥ 5 µm</td><td>TOTAL₂ Per mm</td><td>TOTAL Per CC</td></tr><tr><td>< 20.1</td><td>< 20.1</td><td>< 20.1</td><td>< 0.0043</td></tr><tr><td>Per cc < 5 µm</td><td>Per cc ≥ 5 µm</td><td></td><td></td></tr><tr><td>< 0.0043</td><td>< 0.0043</td><td></td><td></td></tr></table>	Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ Per mm	TOTAL Per CC	< 20.1	< 20.1	< 20.1	< 0.0043	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0043	< 0.0043														
Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ Per mm	TOTAL Per CC																										
< 20.1	< 20.1	< 20.1	< 0.0043																										
Per cc < 5 µm	Per cc ≥ 5 µm																												
< 0.0043	< 0.0043																												
AIR SAMPLING DATA Time on 11:00 Time off 14:23 Elapsed Time 203 min Ave. LPM 8.86 Sample Volume 1798.58 Liters																													
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm	ASBESTIFORM STRUCTURE COUNT <table><tr><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td><td>< 5 µm</td><td>≥ 5 µm</td><td></td></tr><tr><td>Chrysotile</td><td>0</td><td>0</td><td>Actinolite</td><td>0</td><td>0</td><td>Fiberglass 0</td></tr><tr><td>Amosite</td><td>0</td><td>0</td><td>Tremolite</td><td>0</td><td>0</td><td>Gypsum 0</td></tr><tr><td>Crocidolite</td><td>0</td><td>0</td><td>Anthophyllite</td><td>0</td><td>0</td><td>Miscellaneous 0</td></tr></table>		< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		Chrysotile	0	0	Actinolite	0	0	Fiberglass 0	Amosite	0	0	Tremolite	0	0	Gypsum 0	Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm																								
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0																							
Amosite	0	0	Tremolite	0	0	Gypsum 0																							
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0																							
TEM OPERATING PARAMETERS Magnification 20,000 x G.O. Area 0.00829 mm ² G.O. Counted 6 Effective Scan Area 0.04974 mm ²																													
ANALYTICAL SENSITIVITY 0.0043 Structures / cc	COMMENTS: No asbestos structures detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director J. Conner

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ASBESTECH
6825 Fair Oaks Blvd., Suite 103
Carmichael, California 95608
Tel.(916) 481-8902 Fax (916) 481-3975

Client:
Cal Inc
2040 Peabody Road
Vacaville, Ca 95687

Job:
5403
Chico Jr. High

FIBER COUNT ANALYSIS REPORT

LAB JOB # 34859
Date Received: 7/8/00

PAT # 101801
Date Reported: 7/8/00

<u>Date</u>	<u>Sample No.</u>	<u>Liters/Min.</u>	<u>Time Min.</u>	<u>Fibers</u>	<u>Fields</u>	<u>Fibers/CC</u>	<u>Det.Limit</u>	<u>TWA</u>
7/6/00	5403-C65	12.61	124	26.5	100	0.008	0.002	
CLEARANCE Janitor Room								
7/6/00	5403-C66	12.61	124	22.5	100	0.007	0.002	
CLEARANCE Janitor Room								
7/6/00	5403-C67	12.61	124	5.0	100	<0.002	0.002	
CLEARANCE Dishwasher Room								
7/6/00	5403-C68	12.61	124	6.0	100	0.002	0.002	
CLEARANCE Dishwasher Room								
7/6/00	5404-C69	12.61	124	5.0	100	<0.002	0.002	
CLEARANCE Dishwasher Room								

THE ANALYSIS USES PHASE CONTRAST MICROSCOPY AS DESCRIBED IN NIOSH METHOD 7400A. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITH THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ANALYST SIGNATURE



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Carmichael, California 95608
Tel.(916) 481-8902 Fax (916) 481-3975

Client:
Cal Inc
2040 Peabody Road
Vacaville, Ca 95687

Job:
5403
Chico Jr. High

FIBER COUNT ANALYSIS REPORT

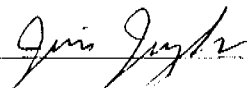
LAB JOB # 34957
Date Received: 7/17/00

PAT # 101801
Date Reported: 7/17/00

<u>Date</u>	<u>Sample No.</u>	<u>Liters/Min.</u>	<u>Time Min.</u>	<u>Fibers</u>	<u>Fields</u>	<u>Fibers/CC</u>	<u>Det.Limit</u>	<u>TWA</u>
7/14/00	5403-C70	11.44	133	38.0	100	0.012	0.002	
North end of stage								
7/14/00	5403-C71	11.62	133	31.5	100	0.010	0.002	
North end of stage								
7/14/00	5403-C72	11.62	133	34.5	100	0.011	0.002	
Center of stage								
7/14/00	5403-C73	11.44	133	52.0	100	0.017	0.002	
South end of stage								
7/14/00	5403-C74	11.44	133	28.0	100	0.009	0.002	
South end of stage								
7/14/00	5403-C75	FIELD BLANK		0.0	100			

THE ANALYSIS USES PHASE CONTRAST MICROSCOPY AS DESCRIBED IN NIOSH METHOD 7400A. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITH THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ANALYST SIGNATURE



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TEM Air Filter Analysis Summary Form

Asbestech Lab # 2291-151-21

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 7/15/00

Date Analyzed 7/15/00

Verbal Results 7/15/00 ;

Fax Results 7/15/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403-C82	1675.35	ND	0.0046	< 20.1	< 0.0046
5403-C83	1675.35	ND	0.0046	< 20.1	< 0.0046
5403-C84	1675.35	ND	0.0046	< 20.1	< 0.0046
5403-C85	1675.35	ND	0.0046	< 20.1	< 0.0046
5403-C86	1675.35	ND	0.0046	< 20.1	< 0.0046


Average Structures per mm² 20.10

Average Structures per CC 0.0046

Lab Director



Analyst



ASBESTECH

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2291
Date Received 7/14/0
Report Date 7/15/0
Lab ID # / Lot # 151 / 21
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C82
Lab ID #
151 - 21 - 01
Location / Description:
Clear Faculty Conference
Room.

AIR SAMPLING DATA

Time on 16:40 Time off 20:19

Elapsed Time 219 min

Ave. LPM 7.65

Sample Volume 1675.35 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *K*

Lab Director *R. Conlon*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Login # 2291
Date Received 7/14/0
Report Date 7/15/0
Lab ID # / Lot # 151 / 21
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C83
Lab ID #
151 - 21 - 02
Location / Description:
Clear Main Lobby.

AIR SAMPLING DATA

Time on 16:41 Time off 20:20

Elapsed Time 219 min

Ave. LPM 7.65

Sample Volume 1675.35 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst W

Lab Director W

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NVLAP #101442

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6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2291
Date Received 7/14/0
Report Date 7/15/0
Lab ID # / Lot # 151 / 21
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client #
5403-C84
Lab ID #
151 - 21 - 03
Location / Description:
Clear Administrative Room.

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

AIR SAMPLING DATA

Time on 16:42 Time off 20:21
Elapsed Time 219 min
Ave. LPM 7.65
Sample Volume 1675.35 Liters

FILTER DATA

Type MCE
Diameter 25 mm
Area 385 mm²
Pore Size 0.45 µm

TEM OPERATING PARAMETERS

Magnification 20,000 x
G.O. Area 0.00829 mm²
G.O. Counted 6
Effective Scan Area 0.04974 mm²

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm	
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *W*

Lab Director *W*

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ASBESTECH

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Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2291
Date Received 7/14/0
Report Date 7/15/0
Lab ID # / Lot # 151 / 21
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C85 Lab ID # 151 - 21 - 04 Location / Description: Clear Asst. Principal's Office.	CALCULATED ASBESTOS STRUCTURE CONCENTRATION <table><thead><tr><th>Per mm² < 5 µm</th><th>Per mm² ≥ 5 µm</th><th>TOTAL₂ Per mm</th><th>TOTAL Per CC</th></tr></thead><tbody><tr><td>< 20.1</td><td>< 20.1</td><td>< 20.1</td><td>< 0.0046</td></tr><tr><th>Per cc < 5 µm</th><th>Per cc ≥ 5 µm</th><td></td><td></td></tr><tr><td>< 0.0046</td><td>< 0.0046</td><td></td><td></td></tr></tbody></table>	Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC	< 20.1	< 20.1	< 20.1	< 0.0046	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0046	< 0.0046														
Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC																										
< 20.1	< 20.1	< 20.1	< 0.0046																										
Per cc < 5 µm	Per cc ≥ 5 µm																												
< 0.0046	< 0.0046																												
AIR SAMPLING DATA Time on 16:43 Time off 20:22 Elapsed Time 219 min Ave. LPM 7.65 Sample Volume 1675.35 Liters																													
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm																													
TEM OPERATING PARAMETERS Magnification 20,000 x G.O. Area 0.00829 mm ² G.O. Counted 6 Effective Scan Area 0.04974 mm ²																													
ANALYTICAL SENSITIVITY 0.0046 Structures / cc	ASBESTIFORM STRUCTURE COUNT <table><thead><tr><th></th><th>< 5 µm</th><th>≥ 5 µm</th><th></th><th>< 5 µm</th><th>≥ 5 µm</th><th></th></tr></thead><tbody><tr><td>Chrysotile</td><td>0</td><td>0</td><td>Actinolite</td><td>0</td><td>0</td><td>Fiberglass 0</td></tr><tr><td>Amosite</td><td>0</td><td>0</td><td>Tremolite</td><td>0</td><td>0</td><td>Gypsum 0</td></tr><tr><td>Crocidolite</td><td>0</td><td>0</td><td>Anthophyllite</td><td>0</td><td>0</td><td>Miscellaneous 0</td></tr></tbody></table> COMMENTS: No asbestos structures detected.		< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		Chrysotile	0	0	Actinolite	0	0	Fiberglass 0	Amosite	0	0	Tremolite	0	0	Gypsum 0	Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0
	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm																								
Chrysotile	0	0	Actinolite	0	0	Fiberglass 0																							
Amosite	0	0	Tremolite	0	0	Gypsum 0																							
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0																							

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *W*

Lab Director *W. Esparza*

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NVLAP #101442

ASBESTECH

6825 Fair Oaks Blvd., Ste. 103, Carmichael, CA 95608 Tel. (916) 481-8902

Cal Inc.
PO Box 6327
Vacaville, CA 95696
PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2291
Date Received 7/14/0
Report Date 7/15/0
Lab ID # / Lot # 151 / 21
Total Samples 5

AHERA TEM ANALYTICAL REPORT

The method used is "40 CFR Part 763", Appendix A to Subpart E, Friday October 30, 1987

Client # 5403-C86	
Lab ID # 151 - 21 - 05	
Location / Description: Clear Media Center.	
AIR SAMPLING DATA	
Time on 16:44	Time off 20:23
Elapsed Time	219 min
Ave. LPM	7.65
Sample Volume	1675.35 Liters
FILTER DATA	
Type	MCE
Diameter	25 mm
Area	385 mm ²
Pore Size	0.45 µm
TEM OPERATING PARAMETERS	
Magnification	20,000 x
G.O. Area	0.00829 mm ²
G.O. Counted	6
Effective Scan Area	0.04974 mm ²
ANALYTICAL SENSITIVITY	
0.0046 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL ₂ Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	< 0.0046		

ASBESTIFORM STRUCTURE COUNT

	< 5 µm	≥ 5 µm		< 5 µm	≥ 5 µm		
Chrysotile	0	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

No asbestos structures detected.

KEY:

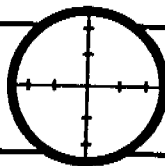
ND - None Detected
G.O. - Grid Opening

Analyst *W*

Lab Director *W*

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NVLAP #101442



PRECISION MICRO-ANALYSIS

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

Air Sample Analysis (PCM) Report

Report # 99365235

Kevin Bussard
West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Received: 06/08/00
Date Analyzed: 06/08/00

Phone: (916) 852-7200

Job Information:
Chico Jr. High School
Chico, CA

Sample Number	Lab #	Sample Location/Personnel	Date	Air Vol.	Fibers	Fields	Fiber/CC	UCL	LOD	LOQ
1-E	00-202716	Personal: MPR room Mastic scrape	06/02/00	64	16.5	100	0.126	0.243	0.042	.6016
2-E	00-202717	Personal: MPR room Mastic scrape	06/02/00	65	3.5	100	0.026*	0.056	0.041	.5923
3-E	00-202718	Personal: MPR room Mastic scrape	06/02/00	62	11.5	100	0.091	0.179	0.043	.6210
4-004	00-202719	Personal: MPR room Mastic scrape	06/02/00	853	37.5	100	0.022	0.039	0.003	.0451
5-005	00-202720	Personal: MPR room Mastic scrape (SAMPLE OVERLOADED)	06/02/00	897	N/A	N/A	N/A	0.000	0.000	.0429
6-006	00-202721	Personal: MPR room Mastic scrape	06/02/00	855	1.0	100	0.001*	0.001	0.003	.0450
10-010	00-202722	Area: Decon (MPR) Tile and mastic	06/02/00	7805	13.0	100	0.001	0.002	0.000	.0049
11-011	00-202723	Area: Dumpster (MPR) Tile and mastic	06/02/00	7792	19.5	100	0.001	0.002	0.000	.0049
12-012	00-202724	Area: Hallway (MPR) Tile and mastic	06/02/00	7765	10.0	100	0.001	0.001	0.000	.0050

OFFICIAL NOTICE: After 45 days, samples are disposed of through a licensed waste hauler, unless client requests their return.

Total Number of Samples: 9

Supervisor

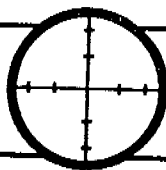
Analyst

Page 1 of 1

* Samples marked with asterisks were below the limit of detection (7 fibers/mm²) for the NIOSH 7400 method.

Note: The test result findings are made to the methodologies and parameters described on the reverse of this page.

3463 Ramona Ave., Suite 17 • Sacramento, CA 95826 • (916) 456-4892 • Fax (916) 456-1082



PRECISION MICRO-ANALYSIS

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

8-HOUR TIME-WEIGHTED AVERAGE REPORT

Personnel: **JOE GOMEZ**

SSN: 657-09-0909

West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Collected: 06/13/00

Job Information:
Chico Jr. High School
Chico, CA

Sampling History for this 8-Hour Time Period:

PMA Lab Number	Client's Sample #	Pump On	Pump Off	Total Time	Avg. Flow	Worker Activity	Respirator Protection Factor	Analytical Result (Fibers/CC)	Respirator Corrected Result
00-202865	1-001	14:30	17:20	170	2.15	Demo	100	0.020	0.000200

NOTE: In the 8-hour Time Weighted Average calculation, 8 hours (480 minutes) is used as the sampling period, unless the total time sampled is greater than 8 hours. It is assumed that the unsampled portion of the 8-hours is free of asbestos exposure. The "Respirator Protection Factor" is an estimate of the relative degree of protection offered by the various types of respirators: Half-Face = 10, Full-Face = 50, P.A.P.R. = 100, S.A.R. = 1000.

Total Time Sampled: 170 minutes (2.83 hours)

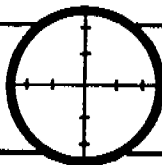
8-Hour Time-Weighted Average: 0.007 F/CC

(Respirator-Corrected 8-Hour Time-Weighted Average: 0.000071 F/CC)

$$TWA = \frac{C(1)T(1) + C(2)T(2) \dots C(n)T(n)}{480 \text{ (or total time if greater than 480)}}$$

Where C is the fiber concentration (F/CC) and T is the time sampled (minutes)

In order to calculate the results of this Time Weighted Average (TWA) report, Precision Micro-Analysis, Inc. utilized client-supplied data. The responsibility for the accuracy of that data, along with the data concerning the type and fit testing of the respirators, rests solely with the client. The formula to the left is used to calculate the TWA. The method used by PMA for sample analysis is stated on the reverse side.



PRECISION MICRO-ANALYSIS

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

8-HOUR TIME-WEIGHTED AVERAGE REPORT

Personnel: JESUS MENDOZA

SSN: 502-01-5727

West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Collected: 06/13/00

Job Information:
Chico Jr. High School
Chico, CA

Sampling History for this 8-Hour Time Period:

PMA Lab Number	Client's Sample #	Pump On	Pump Off	Total Time	Avg. Flow	Worker Activity	Respirator Protection Factor	Analytical Result (Fibers/CC)	Respirator Corrected Result
00-202866	2-002	14:30	17:22	172	2.20	Demo	100	0.013	0.000130
								.	.
								.	.
								.	.

NOTE: In the 8-hour Time Weighted Average calculation, 8 hours (480 minutes) is used as the sampling period, unless the total time sampled is greater than 8 hours. It is assumed that the unsampled portion of the 8-hours is free of asbestos exposure. The "Respirator Protection Factor" is an estimate of the relative degree of protection offered by the various types of respirators: Half-Face = 10, Full-Face = 50, P.A.P.R. = 100, S.A.R. = 1000.

Total Time Sampled: 172 minutes (2.86 hours)

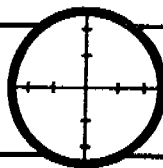
8-Hour Time-Weighted Average: 0.004 F/CC

(Respirator-Corrected 8-Hour Time-Weighted Average: 0.000047 F/CC)

$$TWA = \frac{C(1)T(1) + C(2)T(2) + \dots + C(n)T(n)}{480 \text{ (or total time if greater than 480)}}$$

Where C is the fiber concentration (F/CC)
and T is the time sampled (minutes)

In order to calculate the results of this Time Weighted Average (TWA) report, Precision Micro-Analysis, Inc. utilized client-supplied data. The responsibility for the accuracy of that data, along with the data concerning the type and fit testing of the respirators, rests solely with the client. The formula to the left is used to calculate the TWA. The method used by PMA for sample analysis is stated on the reverse side.



PRECISION^I MICRO-ANALYSIS^N_C

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

8-HOUR TIME-WEIGHTED AVERAGE REPORT

Personnel: **CARLOS LOPEZ**

SSN: 609-30-4512

West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Collected: 06/14/00

Job Information:
Chico Jr. High School
Chico, CA

Sampling History for this 8-Hour Time Period:

PMA Lab Number	Client's Sample #	Pump On	Pump Off	Total Time	Avg. Flow	Worker Activity	Respirator Protection Factor	Analytical Result (Fibers/CC)	Respirator Corrected Result
00-202867	E-3	07:00	07:30	30	2.30	Pipe lagging	100	0.007	0.000070
00-202869	3-003	07:33	16:35	542	2.20	Pipe lagging	100	0.001	0.000010
								.	.
								.	.

NOTE: In the 8-hour Time Weighted Average calculation, 8 hours (480 minutes) is used as the sampling period, unless the total time sampled is greater than 8 hours. It is assumed that the unsampled portion of the 8-hours is free of asbestos exposure. The "Respirator Protection Factor" is an estimate of the relative degree of protection offered by the various types of respirators: Half-Face = 10, Full-Face = 50, P.A.P.R. = 100, S.A.R. = 1000.

Total Time Sampled: 572 minutes (9.53 hours)

8-Hour Time-Weighted Average: 0.001 F/CC

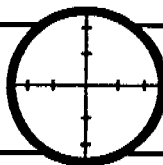
(Respirator-Corrected 8-Hour Time-Weighted Average: 0.000013 F/CC)

$$TWA = \frac{C(1)T(1) + C(2)T(2) \dots C(n)T(n)}{480}$$

(or total time if greater than 480)

Where C is the fiber concentration (F/CC)
and T is the time sampled (minutes)

In order to calculate the results of this Time Weighted Average (TWA) report, Precision Micro-Analysis, Inc. utilized client-supplied data. The responsibility for the accuracy of that data, along with the data concerning the type and fit testing of the respirators, rests solely with the client. The formula to the left is used to calculate the TWA. The method used by PMA for sample analysis is stated on the reverse side.



PRECISION MICRO-ANALYSIS

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

8-HOUR TIME-WEIGHTED AVERAGE REPORT

Personnel: IGNACIO TELLES

SSN: 675-43-8923

West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Collected: 06/14/2000

Job Information:
**Chico Jr. High School
Chico, CA**

Sampling History for this 8-Hour Time Period:

PMA Lab Number	Client's Sample #	Pump On	Pump Off	Total Time	Avg. Flow	Worker Activity	Respirator Protection Factor	Analytical Result (Fibers/CC)	Respirator Corrected Result
00-202868	E-4	07:01	07:32	31	2.20	Pipe lagging	100	0.032	0.000320
00-202870	4-004	07:35	16:36	541	2.10	Pipe lagging	100	0.001	0.000010
								.	.
								.	.

NOTE: In the 8-hour Time Weighted Average calculation, 8 hours (480 minutes) is used as the sampling period, unless the total time sampled is greater than 8 hours. It is assumed that the unsampled portion of the 8-hours is free of asbestos exposure. The "Respirator Protection Factor" is an estimate of the relative degree of protection offered by the various types of respirators: Half-Face = 10, Full-Face = 50, P.A.P.R. = 100, S.A.R. = 1000.

Total Time Sampled: 572 minutes (9.53 hours)

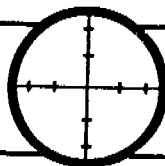
8-Hour Time-Weighted Average: 0.002 F/CC

(Respirator-Corrected 8-Hour Time-Weighted Average: 0.000027 F/CC)

$$TWA = \frac{C(1)T(1) + C(2)T(2) \dots C(n)T(n)}{480 \text{ (or total time if greater than 480)}}$$

Where C is the fiber concentration (F/CC)
and T is the time sampled (minutes)

In order to calculate the results of this Time Weighted Average (TWA) report, Precision Micro-Analysis, Inc. utilized client-supplied data. The responsibility for the accuracy of that data, along with the data concerning the type and fit testing of the respirators, rests solely with the client. The formula to the left is used to calculate the TWA. The method used by PMA for sample analysis is stated on the reverse side.



PRECISION^I MICRO-ANALYSIS^N_C

SPECIALISTS IN ASBESTOS-RELATED ANALYSIS

8-HOUR TIME-WEIGHTED AVERAGE REPORT

Personnel: JESUS AYALA

SSN: 620-53-8779

West Coast Environmental
3181 Fitzgerald Road
Rancho Cordova, CA 95742-

Date Collected: 06/15/00

Job Information:
Chico Jr. High School
Chico, CA

Sampling History for this 8-Hour Time Period:

PMA Lab Number	Client's Sample #	Pump On	Pump Off	Total Time	Avg. Flow	Worker Activity	Respirator Protection Factor	Analytical Result (Fibers/CC)	Respirator Corrected Result
00-202877	E-5	05:30	06:31	61	2.20	Tile & mastic	100	0.005	0.000050
00-202879	5-005	06:35	14:37	482	2.15	Tile & mastic	100	0.007	0.000070

NOTE: In the 8-hour Time Weighted Average calculation, 8 hours (480 minutes) is used as the sampling period, unless the total time sampled is greater than 8 hours. It is assumed that the unsampled portion of the 8-hours is free of asbestos exposure. The "Respirator Protection Factor" is an estimate of the relative degree of protection offered by the various types of respirators: Half-Face = 10, Full-Face = 50, P.A.P.R. = 100, S.A.R. = 1000.

Total Time Sampled: 543 minutes (9.05 hours)

8-Hour Time-Weighted Average: 0.006 F/CC

(Respirator-Corrected 8-Hour Time-Weighted Average: 0.000068 F/CC)

$$TWA = \frac{C(1)T(1) + C(2)T(2) \dots C(n)T(n)}{480 \text{ (or total time if greater than 480)}}$$

Where C is the fiber concentration (F/CC)
and T is the time sampled (minutes)

In order to calculate the results of this Time Weighted Average (TWA) report, Precision Micro-Analysis, Inc. utilized client-supplied data. The responsibility for the accuracy of that data, along with the data concerning the type and fit testing of the respirators, rests solely with the client. The formula to the left is used to calculate the TWA. The method used by PMA for sample analysis is stated on the reverse side.