

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 School

Login # 2042
Date Received 4/11/0
Report Date 4/14/0
Lab ID # / Lot # 151 / 1
Total Samples 5

Job #:
5403

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B3
Lab ID #
151 - 1 - 03
Location / Description:
Room 305

AIR SAMPLING DATA

Time on 15:50 Time off 18:57
Elapsed Time 187 min
Ave. LPM 8.9
Sample Volume 1664.3 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

0.0047 Structures / cc

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Per mm ² < 5 µm	Per mm ² ≥ 5 µm	TOTAL, Per mm	TOTAL Per CC
< 20.1	< 20.1	< 20.1	< 0.0047
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0047	< 0.0047		

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:

'D' - None Detected
'O' - Grid Opening

Analyst RC

Lab Director ALC

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NVLAP #101442

ASBESTECH

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ATTENTION: Pete Connell

Job Site:
Chico Jr High School

Login # 2042
Date Received 4/11/0
Report Date 4/14/0
Lab ID # / Lot # 151 / 1
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-B4
Lab ID #
151 - 1 - 04
Location / Description:
Room 309

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 15:58 Time off 18:49
Elapsed Time 171 min
Ave. LPM 9.9
Sample Volume 1692.9 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:

ID - None Detected
O. - Grid Opening

Analyst K

Lab Director J. Connell

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ATTENTION: Pete Connell

Job Site:
Chico Jr High School

Job #:
5403

Login # 2042
Date Received 4/11/0
Report Date 4/14/0
Lab ID # / Lot # 151 / 1
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-B5 Lab ID # 151 - 1 - 05 Location / Description: 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>< 20.1</td><td>< 20.1</td><td>< 20.1</td><td>< 0.0045</td></tr><tr><td>Per cc < 5 µm</td><td>Per cc ≥ 5 µm</td><td></td><td></td></tr><tr><td>< 0.0045</td><td>< 0.0045</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	< 0.0045	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0045	< 0.0045														
Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ 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 16:03 Time off 19:01 Elapsed Time 178 min Ave. LPM 9.69 Sample Volume 1724.82 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 0.0045 Structures / cc	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																							
	COMMENTS: No asbestos structures detected.																												

KEY:

'D' - None Detected
'O' - Grid Opening

Analyst K

Lab Director AK

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NVLAP #101442

ASBESTECH

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

TEM Air Filter Analysis Summary Form

Asbestech Lab # 2103-151-2

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/1/00

Date Analyzed 6/1/00

Verbal Results 6/2/00 ;

Fax Results 6/2/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
B14	1720.86	ND	0.0045	< 20.1	< 0.0045
B15	1681.68	ND	0.0046	< 20.1	< 0.0046
B16	1667.12	ND	0.0046	< 20.1	< 0.0046
B17	1686.82	1	0.0046	20.1	0.0046
B18	1691.19	ND	0.0046	< 20.1	< 0.0046

Average Structures per mm² 20.10

Average Structures per CC 0.0046

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: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2103
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 2
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-B14
Lab ID #
151 - 2 - 01
Location / Description:
Base faculty dining 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	< 0.0045
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0045	< 0.0045		

AIR SAMPLING DATA

Time on 10:43 Time off 13:37
Elapsed Time 174 min
Ave. LPM 9.89
Sample Volume 1720.86 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

Lab Director

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Job Site:
Chico Jr. High

Job #:
5403

Login # 2103
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 2
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-B15

Lab ID

151 - 2 - 02

Location / Description:

Base kitchen.

AIR SAMPLING DATA

Time on 10:51 Time off 14:42

Elapsed Time 231 min

Ave. LPM 7.28

Sample Volume 1681.68 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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Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2103
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 2
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-B16
Lab ID #
151 - 2 - 03
Location / Description:
Base multi-purpose rm east side.

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 10:56 Time off 14:45
Elapsed Time 229 min
Ave. LPM 7.28
Sample Volume 1667.12 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 HC

Lab Director Blain

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NVLAP #101442

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ATTENTION: William Esparza

Job Site:
Chico Jr. High

Login # 2103
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 2
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-B17	
Lab ID # 151 - 2 - 04	
Location / Description: Base multi-purpose rm west side.	
AIR SAMPLING DATA	
Time on 11:00	Time off 14:13
Elapsed Time 193 min	
Ave. LPM 8.74	
Sample Volume 1686.82 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	1	Fiberglass 0
Amosite	0	0	Gypsum 0
Crocidolite	0	0	Miscellaneous 0
Actinolite	0	0	
Tremolite	0	0	
Anthophyllite	0	0	

COMMENTS:

1 Chrysotile structure detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director W. Esparza

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Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2103
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 2
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-B18

Lab ID

151 - 2 - 05

Location / Description:

Base small room south of stage.

AIR SAMPLING DATA

Time on 11:05 Time off 13:56

Elapsed Time 171 min

Ave. LPM 9.89

Sample Volume 1691.19 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

Lab Director

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NVLAP #101442

ASBESTECH

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TEM Air Filter Analysis Summary Form

Asbestech Lab # 2104-151-3

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/1/00

Date Analyzed 6/1/00

Verbal Results 6/2/00 ;

Fax Results 6/2/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
B19	1654.24	ND	0.0047	< 20.1	< 0.0047
B20	1632.96	ND	0.0047	< 20.1	< 0.0047
B21	1758.75	ND	0.0044	< 20.1	< 0.0044
B22	1697.5	ND	0.0046	< 20.1	< 0.0046
B23	1662.53	ND	0.0047	< 20.1	< 0.0047

Average Structures per mm² 20.10

Average Structures per CC 0.0046

Lab Director *R. Baker* Analyst *R*

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PHONE #: 707-446-7996
Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2104
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 3
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-B19
Lab ID #
151 - 3 - 01
Location / Description:
Base Room 303.

AIR SAMPLING DATA

Time on 11:18 Time off 14:34

Elapsed Time 196 min

Ave. LPM 8.44

Sample Volume 1654.24 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

0.0047 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	< 0.0047
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0047	< 0.0047		

ASBESTIFORM STRUCTURE COUNT

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

COMMENTS:

No asbestos structures detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst XC

Lab Director DL

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ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2104
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 3
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-B20	
<u>Lab ID #</u> 151 - 3 - 02	
<u>Location / Description:</u> Base room 305.	
<u>AIR SAMPLING DATA</u>	
Time on 11:26	Time off 15:10
Elapsed Time	224 min
Ave. LPM	7.29
Sample Volume	1632.96 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>	
0.0047 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	< 0.0047			
Per cc < 5 µm	Per cc ≥ 5 µm					
< 0.0047	< 0.0047					
ASBESTIFORM STRUCTURE COUNT						
< 5 µm		≥ 5 µm				
Chrysotile	0	0	Actinolite	0	Fiberglass	0
Amosite	0	0	Tremolite	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	Miscellaneous	0
COMMENTS:						
No asbestos structures detected.						

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst HC

Lab Director Elabn

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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 # 2104
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 3
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-B21
Lab ID #
151 - 3 - 03
Location / Description:
Base room 307.

AIR SAMPLING DATA

Time on 11:28 Time off 14:49

Elapsed Time 201 min

Ave. LPM 8.75

Sample Volume 1758.75 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

0.0044 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	< 0.0044
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0044	< 0.0044		

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 J. H. H.

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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 # 2104
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 3
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-B22
Lab ID #
151 - 3 - 04
Location / Description:
Base room 309.

AIR SAMPLING DATA

Time on 11:37 Time off 14:51
Elapsed Time 194 min
Ave. LPM 8.75
Sample Volume 1697.5 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 J. Blum

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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: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2104
Date Received 6/1/0
Report Date 6/1/0
Lab ID # / Lot # 151 / 3
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-B23 Lab ID # 151 - 3 - 05 Location / Description: Base 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>< 20.1</td><td>< 20.1</td><td>< 20.1</td><td>< 0.0047</td></tr><tr><td>Per cc < 5 µm</td><td>Per cc ≥ 5 µm</td><td></td><td></td></tr><tr><td>< 0.0047</td><td>< 0.0047</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	< 0.0047	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0047	< 0.0047														
Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ Per mm	TOTAL Per CC																										
< 20.1	< 20.1	< 20.1	< 0.0047																										
Per cc < 5 µm	Per cc ≥ 5 µm																												
< 0.0047	< 0.0047																												
AIR SAMPLING DATA Time on 11:45 Time off 14:38 Elapsed Time 173 min Ave. LPM 9.61 Sample Volume 1662.53 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 0.0047 Structures / cc	COMMENTS: No asbestos structures detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst X

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: Pete Connell

Job Site:
Chico Jr High

Login # 2304
Date Received 6/1/0
Report Date 7/19/0
Lab ID # / Lot # 151 / 26
Total Samples 2

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B28
Lab ID #
151 - 26 - 01
Location / Description:
North side of MP room in
corridor

AIR SAMPLING DATA

Time on 08:59 Time off 12:00
Elapsed Time 181 min
Ave. LPM 9.02
Sample Volume 1632.62 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

0.0047 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	< 0.0047
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0047	< 0.0047		

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 P. Connell

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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 # 2304
Date Received 6/1/0
Report Date 7/19/0
Lab ID # / Lot # 151/26
Total Samples 2

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B29

Lab ID #

151 - 26 - 02

Location / Description:

West side of MP room in
corridor

AIR SAMPLING DATA

Time on 09:03 Time off 11:54

Elapsed Time 171 min

Ave. LPM 9.59

Sample
Volume 1639.89 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

0.0047 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	< 0.0047
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0047	< 0.0047		

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

Lab Director

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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 # 2213
Date Received 6/22/0
Report Date 6/27/0
Lab ID # / Lot # 151 / 10
Total Samples 6

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B36
Lab ID #
151 - 10 - 01
Location / Description:
Base Interior corridor E of Unit
L 5/30/00.

AIR SAMPLING DATA

Time on 12:31 Time off 16:13
Elapsed Time 222 min
Ave. LPM 7.28
Sample Volume 1616.16 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

0.0048 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	< 0.0048
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0048	< 0.0048		

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:

ⓓ - None Detected
ⓖ - Grid Opening

Analyst R

Lab Director R

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NVLAP #101442

ASBESTECH

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

TEM Air Filter Analysis Summary Form

Asbestech Lab # 2152-151-6

Client Cal Inc.

Client Job # 5403

Job Site Chico Jr. High

Date Received 6/14/00

Date Analyzed 6/15/00

Verbal Results 6/15/00 ;

Fax Results 6/15/00 ;

TEM Method AHERA Method

Sample ID	Sample Volume	# of Structures	Analytical Sensitivity	Structures per mm ²	Structures per CC
5403-B39	1690.34	1	0.0046	20.1	0.0046
5403-B40	1690.34	ND	0.0046	< 20.1	< 0.0046
5403-B41	1690.34	1	0.0046	20.1	0.0046
5403-B42	1734.48	1	0.0045	20.1	0.0045
5403-B43	1734.48	ND	0.0045	< 20.1	< 0.0045

Average Structures per mm² 20.10

Average Structures per CC 0.0045

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

Login # 2152
Date Received 6/12/0
Report Date 6/15/0
Lab ID # / Lot # 151 / 6
Total Samples 5

Job #:
5403

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B39
Lab ID #
151 - 6 - 01
Location / Description:
Base Room 201.

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	0.0046
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0046	0.0046		

AIR SAMPLING DATA

Time on 08:24 Time off 12:07
Elapsed Time 223 min
Ave. LPM 7.58
Sample Volume 1690.34 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	1	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

1 Chrysotile structure detected.

ANALYTICAL SENSITIVITY

0.0046 Structures / cc

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director J. Kim

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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 # 2152
Date Received 6/12/0
Report Date 6/15/0
Lab ID # / Lot # 151 / 6
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-B40

Lab ID #

151 - 6 - 02

Location / Description:

Base Room 203.

AIR SAMPLING DATA

Time on 08:25 Time off 12:08

Elapsed Time 223 min

Ave. LPM 7.58

Sample Volume 1690.34 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 ²	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

Lab Director

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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 # 2152
Date Received 6/12/0
Report Date 6/15/0
Lab ID # / Lot # 151 / 6
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-B41
Lab ID #
151 - 6 - 03
Location / Description:
Base Room 205.

AIR SAMPLING DATA

Time on 08:26 Time off 12:09
Elapsed Time 223 min
Ave. LPM 7.58
Sample Volume 1690.34 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	1	0	Actinolite	0	0	Fiberglass 0
Amosite	0	0	Tremolite	0	0	Gypsum 0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous 0

COMMENTS:

1 Chrysotile structure detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst W

Lab Director W

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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 # 2152
Date Received 6/12/0
Report Date 6/15/0
Lab ID # / Lot # 151 / 6
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-B42 Lab ID # 151 - 6 - 04 Location / Description: Base Room 207.	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 0.0045</td></tr><tr><td>Per cc < 5 µm 0.0045</td><td>Per cc ≥ 5 µm < 0.0045</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 0.0045	Per cc < 5 µm 0.0045	Per cc ≥ 5 µm < 0.0045																						
Per mm² < 5 µm 20.1	Per mm² ≥ 5 µm < 20.1	TOTAL₂ Per mm 20.1	TOTAL Per CC 0.0045																										
Per cc < 5 µm 0.0045	Per cc ≥ 5 µm < 0.0045																												
AIR SAMPLING DATA Time on 08:27 Time off 11:45 Elapsed Time 198 min Ave. LPM 8.76 Sample Volume 1734.48 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 0.0045 Structures / cc	COMMENTS: 1 Chrysotile structure detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst W

Lab Director W

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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 # 2152
Date Received 6/12/0
Report Date 6/15/0
Lab ID # / Lot # 151 / 6
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-B43
Lab ID #
151 - 6 - 05
Location / Description:
Base Room 209.

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 08:28 Time off 11:46

Elapsed Time 198 min

Ave. LPM 8.76

Sample Volume 1734.48 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 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 # 2213
Date Received 6/22/0
Report Date 6/27/0
Lab ID # / Lot # 151 / 10
Total Samples 6

AHERA TEM ANALYTICAL REPORT

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

Client # 5403-B49 Lab ID # 151 - 10 - 02 Location / Description: Base east of 200 wing 6/12/00.	CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
	Per mm² < 5 µm 24.1	Per mm² ≥ 5 µm < 24.1	TOTAL₂ Per mm 24.1	TOTAL Per CC 0.0049
AIR SAMPLING DATA Time on 14:07 Time off 17:50 Elapsed Time 223 min Ave. LPM 8.52 Sample Volume 1899.96 Liters	Per cc < 5 µm 0.0049	Per cc ≥ 5 µm < 0.0049		
FILTER DATA Type MCE Diameter 25 mm Area 385 mm ² Pore Size 0.45 µm	ASBESTIFORM STRUCTURE COUNT			
	< 5 µm	≥ 5 µm	< 5 µm	≥ 5 µm
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	Chrysotile 1	0	Actinolite 0	0
	Amosite 0	0	Tremolite 0	0
	Crocidolite 0	0	Anthophyllite 0	0
			Fiberglass 0	
			Gypsum 0	
			Miscellaneous 0	
ANALYTICAL SENSITIVITY 0.0049 Structures / cc	COMMENTS: 1 Chrysotile structure 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 # 2213
Date Received 6/22/0
Report Date 6/27/0
Lab ID # / Lot # 151 / 10
Total Samples 6

AHERA TEM ANALYTICAL REPORT

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

Client

5403-B51

Lab ID

151 - 10 - 03

Location / Description:

Base east side of 400 wing
6/15/00.

AIR SAMPLING DATA

Time on 08:57 Time off 12:55

Elapsed Time 238 min

Ave. LPM 7.39

Sample Volume 1758.82 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

0.0044 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	0.0044
Per cc < 5 µm	Per cc ≥ 5 µm		
0.0044	< 0.0044		

ASBESTIFORM STRUCTURE COUNT

	< 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

COMMENTS:

1 Chrysotile structure detected.

KEY:

ND - None Detected

G.O. - Grid Opening

Analyst JK

Lab Director BLH

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NVLAP #101442

ASBESTECH

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TEM Air Filter Analysis Summary Form

Asbestech Lab # 2161-151-8

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-B57	1673.1	ND	0.0046	< 20.1	< 0.0046
5403-B58	1731.6	1	0.0045	20.1	0.0045
5403-B59	1731.6	ND	0.0045	< 20.1	< 0.0045
5403-B60	1731.6	2	0.0045	40.21	0.0089
5403-B61	1731.6	ND	0.0045	< 20.1	< 0.0045

Average Structures per mm² 24.13

Average Structures per CC 0.0054

Lab Director

[Signature]

Analyst

[Signature]

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 # 2161
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 8
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-B57
Lab ID #
151 - 8 - 01
Location / Description:
Base Room 409

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 09:25 Time off 12:40
Elapsed Time 195 min
Ave. LPM 8.58
Sample Volume 1673.1 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

0.0046 Structures / cc

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst K

Lab Director Blah

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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: Pete Connell

Job Site:
Chico Jr. High

Job #:
5403

Login # 2161
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 8
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-B58

Lab ID

151 - 8 - 02

Location / Description:

Base Room 407

AIR SAMPLING DATA

Time on 09:26 Time off 12:41

Elapsed Time 195 min

Ave. LPM 8.88

Sample Volume 1731.6 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

Per mm²
< 5 µm
20.1

Per mm²
≥ 5 µm
< 20.1

TOTAL₂
Per mm²

20.1

TOTAL
Per CC

0.0045

Per cc
< 5 µm
0.0045

Per cc
≥ 5 µm
< 0.0045

ASBESTIFORM STRUCTURE COUNT

	< 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

COMMENTS:

1 Chrysotile structure detected.

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst

Lab Director

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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: Pete Connell

Job Site:
Chico Jr. High

Login # 2161
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 8
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-B59 Lab ID # 151 - 8 - 03 Location / Description: Base Room 405	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>< 0.0045</td></tr><tr><td>Per cc < 5 µm</td><td>Per cc ≥ 5 µm</td><td></td><td></td></tr><tr><td>< 0.0045</td><td>< 0.0045</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	< 0.0045	Per cc < 5 µm	Per cc ≥ 5 µm			< 0.0045	< 0.0045														
Per mm² < 5 µm	Per mm² ≥ 5 µm	TOTAL₂ 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 09:27 Time off 12:42 Elapsed Time 195 min Ave. LPM 8.88 Sample Volume 1731.6 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 0.0045 Structures / cc	COMMENTS: No asbestos structures detected.																												

KEY:

ND - None Detected
G.O. - Grid Opening

Analyst *KL*

Lab Director *KL*

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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 # 2161
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 8
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-B60
Lab ID #	151 - 8 - 04
Location / Description:	Base Room 403
AIR SAMPLING DATA	
Time on 09:28	Time off 12:43
Elapsed Time	195 min
Ave. LPM	8.88
Sample Volume	1731.6 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	
0.0045 Structures / cc	

CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
<u>Per mm² < 5 μm</u>	<u>Per mm² ≥ 5 μm</u>	<u>TOTAL₂ Per mm</u>	<u>TOTAL Per CC</u>
40.2	< 20.1	40.2	0.0089
<u>Per cc < 5 μm</u>	<u>Per cc ≥ 5 μm</u>		
0.0089	< 0.0045		

ASBESTIFORM STRUCTURE COUNT							
	<u>< 5 μm</u>	<u>≥ 5 μm</u>		<u>< 5 μm</u>	<u>≥ 5 μm</u>		
Chrysotile	2	0	Actinolite	0	0	Fiberglass	0
Amosite	0	0	Tremolite	0	0	Gypsum	0
Crocidolite	0	0	Anthophyllite	0	0	Miscellaneous	0

COMMENTS:

2 Chrysotile 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: Pete Connell

Job Site:
Chico Jr. High

Login # 2161
Date Received 6/15/0
Report Date 6/16/0
Lab ID # / Lot # 151 / 8
Total Samples 5

Job #:
5403

AHERA TEM ANALYTICAL REPORT

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

Client #
5403-B61
Lab ID #
151 - 8 - 05
Location / Description:
Base Room 401

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 09:29 Time off 12:44

Elapsed Time 195 min

Ave. LPM 8.88

Sample Volume 1731.6 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 W. H. H.

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NVI AD #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 # 2213
Date Received 6/22/0
Report Date 6/27/0
Lab ID # / Lot # 151 / 10
Total Samples 6

AHERA TEM ANALYTICAL REPORT

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

Client

5403-B64

Lab ID

151 - 10 - 05

Location / Description:

Base corridor near 400 wing
6/22/00.

AIR SAMPLING DATA

Time on 08:19 Time off 12:18

Elapsed Time 239 min

Ave. LPM 7.69

Sample Volume 1837.91 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

0.0042 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	< 0.0042
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0042	< 0.0042		

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 *F. Lin*

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Fax #: 707-446-4906
ATTENTION: William Esparza

Job Site:
Chico Jr. High

Job #:
5403

Login # 2213
Date Received 6/22/0
Report Date 6/27/0
Lab ID # / Lot # 151 / 10
Total Samples 6

AHERA TEM ANALYTICAL REPORT

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

Client #

5403-B65

Lab ID #

151 - 10 - 06

Location / Description:

Base corridor near 300 wing
6/22/00.

AIR SAMPLING DATA

Time on 08:20 Time off 12:19

Elapsed Time 239 min

Ave. LPM 7.69

Sample Volume 1837.91 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

0.0042 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	< 0.0042
Per cc < 5 µm	Per cc ≥ 5 µm		
< 0.0042	< 0.0042		

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:

D - None Detected

.O. - Grid Opening

Analyst K

Lab Director R. V. V.

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NVLAP #101442