NYC 9/11 Public Portal Document

Galson Laboratories
6601 Kirkville Rd. E. Syracuse,NY 13057

LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-4 Lab ID : L78083-11 Wipe Area : NA

Parameter	LOQ ug	Total ug	
Aluminum	3	8.02	2.0 mg/m³
Cadmium	0.15	<0.15	.2 mg/m³
Cobalt	0.45	<0.45	.1 mg/m³
Copper	0.3	2.26	
Iron	7.5	30.6	
Magnesium	3	25.6	
Manganese	0.15	0.691	
Nickel	0.3	0.520	
Lead	0.38	0.750	
Zinc	1.5	8.03	

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified
NA	-Not Applicable	ND	-Not Detected	ppm	-Parts per Million	LOQ	-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208537

NYC 9/11 Public Portal Document

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LABORATORY ANALYSIS REPORT

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Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-6 Lab ID : L78083-12 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	92.4
Cadmium	0.15	0.218
Cobalt	0.45	<0.45
Copper	0.3	2.93
Iron	7.5	110
Magnesium	3	120
Manganese	0.15	4.71
Nickel	0.3	0.307
Lead	0.38	2.11
Zinc	1.5	17.7

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

CITY_21MC100_010194450

NYC-WTC_000208538

NYC 9/11 Public Portal Document

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Laboratories
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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-8 Lab ID : L78083-13 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	28.7
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	1.68
Iron	7.5	60.0
Magnesium	3	50.6
Manganese	0.15	1.48
Nickel	0.3	<0.30
Lead	0.38	1.48
Zinc	1.5	20.0

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208539

NYC 9/11 Public Portal Document

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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-12 Lab ID : L78083-14 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	22.6
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	2.28
Iron	7.5	46.8
Magnesium	3	29.2
Manganese	0.15	0.897
Nickel	0.3	0.304
Lead	0.38	1.62
Zinc	1.5	10.4

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified
NA	-Not Applicable	ND	-Not Detected	ppm	-Parts per Million	LOQ	-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208540

NYC 9/11 Public Portal Document

Galson Laboratories
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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-15 Lab ID : L78083-15 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	18.8
Cadmium	0.15	0.150
Cobalt	0.45	<0.45
Copper	0.3	2.16
Iron	7.5	71.6
Magnesium	3	28.1
Manganese	0.15	0.957
Nickel	0.3	0.533
Lead	0.38	2.26
Zinc	1.5	14.3

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified
NA	-Not Applicable	ND	-Not Detected	ppm	-Parts per Million	LOQ	-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

CITY_21MC100_010194453

NYC-WTC_000208541

NYC 9/11 Public Portal Document

Galson Laboratories
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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No. : 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-14-02-17 Lab ID : L78083-16 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	11.5
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	1.72
Iron	7.5	37.6
Magnesium	3	20.5
Manganese	0.15	0.491
Nickel	0.3	<0.30
Lead	0.38	1.40
Zinc	1.5	12.6

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified
NA	-Not Applicable	ND	-Not Detected	ppm	-Parts per Million	LOQ	-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

CITY_21MC100_010194454

NYC-WTC_000208542

NYC 9/11 Public Portal Document

Galson Laboratories
6601 Kirkville Rd. E. Syracuse,NY 13057

LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-15-02-2 Lab ID : L78083-17 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	10.4
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	1.42
Iron	7.5	22.5
Magnesium	3	21.5
Manganese	0.15	0.521
Nickel	0.3	<0.30
Lead	0.38	0.657
Zinc	1.5	4.22

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208543

NYC 9/11 Public Portal Document

Galson
Laboratories
5601 Kirkville Rd. E. Syracuse,NY 13057

LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-15-02-4 Lab ID : L78083-18 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	33.8
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	2.72
Iron	7.5	52.0
Magnesium	3	43.3
Manganese	0.15	1.11
Nickel	0.3	<0.30
Lead	0.38	1.24
Zinc	1.5	8.14

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million LOQ-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208544

NYC 9/11 Public Portal Document

Galson
Laboratories
6601 Kirkville Rd. E. Syracuse,NY 13057

LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02 - 16-JAN-02

Client ID : 1-15-02-5 Lab ID : L78083-19 Wipe Area : NA

Parameter	LOQ ug	Total ug
Aluminum	3	33.3
Cadmium	0.15	<0.15
Cobalt	0.45	<0.45
Copper	0.3	2.62
Iron	7.5	65.6
Magnesium	3	60.1
Manganese	0.15	1.41
Nickel	0.3	<0.30
Lead	0.38	1.87
Zinc	1.5	9.22

COMMENTS: Method: modified NIOSH 7300; ICP

Collection Media : Wipe

Submitted by: KB
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

<	-Less Than	mg	-Milligrams	m3	-Cubic Meters	kg	-Kilograms
>	-Greater Than	ug	-Micrograms	l	-Liters	NS	-Not Specified
NA	-Not Applicable	ND	-Not Detected	ppm	-Parts per Million	LOQ	-Limit of Quantitation

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.

NYC-WTC_000208545

NYC 9/11 Public Portal Document

Galson Laboratories
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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 17-JAN-02

Mercury

Sample ID	Lab ID	Total ug
1-14-02-5	L78083-20	<0.04
1-14-02-7	L78083-21	<0.04
1-14-02-13	L78083-22	<0.04
1-15-02-6	L78083-23	<0.04

Level of quantitation: 0.04 ug
Analytical Method : NIOSH 6009
OSHA PEL (TWA) : NA
Collection Media : Wipe

Submitted by: AP
Approved by : AMW
Date : 17-JAN-02
QC by: QC STAFF
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million

NYC-WTC_000208546

NYC 9/11 Public Portal Document

Galson Laboratories
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LABORATORY ANALYSIS REPORT

Client : NYS DOL Albany
Site : 999999000

Date Sampled : 14-JAN-02 - 15-JAN-02 Account No.: 10597
Date Received : 16-JAN-02 Login No. : L78083
Date Analyzed : 16-JAN-02

Bulk Asbestos (Wipe)

Sample ID	Lab ID	Color	%Asb.	Type 1	%Asb.	Type 2	%Asb.	Type 3	%/Type Other Fibers	
1-14-02-1	1	NA	ND	NA	ND	NA	ND	NA.	40	CE;SY
1-14-02-2	2	NA	ND	NA	ND	NA	ND	NA.	70	CE;FG
1-14-02-3	3	NA	ND	NA	ND	NA	ND	NA.	70	CE;FG
1-14-02-9	4	NA	ND	NA	ND	NA	ND	NA.	25	CE;FG
1-14-02-10	5	NA	ND	NA	ND	NA	ND	NA.	50	CE;FG
1-14-02-11	6	NA	ND	NA	ND	NA	ND	NA.	50	CE;FG
1-14-02-14	7	NA	ND	NA	ND	NA	ND	NA.	50	CE;FG
1-14-02-16	8	NA	ND	NA	ND	NA	ND	NA.	20	CE
1-15-02-1	9	NA	ND	NA	ND	NA	ND	NA.	20	CE:FG
1-15-02-3	10	NA	ND	NA	ND	NA	ND	NA.	50	CE;FG

COMMENTS: Wipe samples.
Field sampling was not performed by GALSON Laboratories.
Results are based on the sampling data provided by the client.
This report should not be reproduced except in full without the written approval of Galson Laboratories.

Analytical Method : Polarized light microscopy/ dispersion staining. EPA 40 CFR Ch. 1 (7-1-87 Ed.) Part 763, Subpart F, App. A.
Submitted by : MS/PW
Approved by : MS
Date : 17-JAN-02 QC by:
NYSDOH # : 11626

TR- Trace(< 1%)
CE- Cellulose
FG- Fibrous Glass
SY- Synthetic
AC- Actinolite
AM- Amosite
AN- Anthophyllite
CH- Chrysotile
CR- Crocidolite
TM- Tremolite
NA- Not Applicable
NS- Not Specified
ND- Not Detected
> - Greater than

Results relate only to items analyzed, and may not be used to claim product endorsement by NVLAP or any US government agency. Laboratory accredited under NYS ELAP(#11626) and NVLAP(#101375-0). Measurement uncertainty records based on interlab analysis are on file, and are available upon request.

CITY_21MC100_010194459

NYC-WTC_000208547