NYC 9/11 Public Portal Document

EMSL Analytical, Inc.
107 Haddon Avenue
Westmont, NJ. 08108
(856) 858-4800

11/29/01

Attention: *U.S. EPA*
HQ Financial Services Division
1200 Pennsylvania Avenue
NW Maildrop 2734R
Washington, DC. 20460

Project: Residential Sampling
Ref. Number: 360100635

◆ Certificate Of Analysis ◆

Sample ID	*Description*	*Particle ID*	*Concentration (%)*	*Analytical Sensitivity (%)*
(R)VS-C-9	In Lobby	Quartz	24.6	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	9.3	0.01
		Portland/ Lime	3.5	0.05
		Gypsum	16.0	0.02
		Mica	0.09	0.05
		Halite	0.08	0.03
		Fibrous Glass	2.3	0.1
(R)VS-R1-9	Floor 5	Quartz	9.9	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	2.1	0.01
		Portland/ Lime	0.9	0.05
		Gypsum	4.7	0.02
		Mica	ND	0.05
		Halite	ND	0.03
		Fibrous Glass	1.1	0.1

Analysis Performed By:	Polarized Light Microscopy (PLM) Scanning Electron Microscopy (SEM) X-Ray Diffraction (XRD)

John Newton
Analyst

28 November, 2001
Date of Analysis

TNTQ = Too Numerous To Quantify ND = None Detected

CONFIDENTIAL, CITY_21MC100_003434003

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000176075

NYC 9/11 Public Portal Document

EMSL Analytical, Inc.
107 Haddon Avenue
Westmont, NJ. 08108
(856) 858-4800

11/29/01

Attention: *U.S. EPA*
HQ Financial Services Division
1200 Pennsylvania Avenue
NW Maildrop 2734R
Washington, DC. 20460

Project: Residential Sampling
Ref. Number: 360100635

♦ Certificate Of Analysis ♦

Sample ID	*Description*	*Particle ID*	*Concentration (%)*	*Analytical Sensitivity (%)*
(R)VS-R2-9	Floor 3	Quartz	4.1	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	ND	0.01
		Portland/ Lime	ND	0.05
		Gypsum	2.2	0.02
		Mica	ND	0.05
		Halite	ND	0.03
		Fibrous Glass	ND	0.1
(R)SS-0-10	Outdoors	Quartz	21.1	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	14.2	0.01
		Portland/ Lime	3.4	0.05
		Gypsum	4.8	0.02
		Mica	0.09	0.05
		Halite	0.05	0.03
		Fibrous Glass	0.9	0.1

Analysis Performed By:	Polarized Light Microscopy (PLM) Scanning Electron Microscopy (SEM) X-Ray Diffraction (XRD)

John Newton
Analyst

28 November, 2001
Date of Analysis

TNTQ = Too Numerous To Quantify ND = None Detected

CONFIDENTIAL, CITY_21MC100_003434004
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000176076