



ANALYTICAL SERVICES

INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA NVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 599

• NY DOH/NELAC 10903
• PA DEP 06-353

• NJ DEP 77020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R01120402

Client Reference: 19125-0246: Silica in Air

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: ATC-1220-STY-S-1	Lab ID: -01A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-2	Lab ID: -02A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 819.4	
Total Particulate Matter	<100	<0.122	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00610	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-3	Lab ID: -03A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 817.7	
Total Particulate Matter	<100	<0.122	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00611	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-4	Lab ID: -04A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-5	Lab ID: -05A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 817.7	
Total Particulate Matter	<100	<0.122	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00611	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-6	Lab ID: -06A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 819.4	
Total Particulate Matter	<100	<0.122	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00610	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-7	Lab ID: -07A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-8	Lab ID: -08A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-9	Lab ID: -09A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 817.7	
Total Particulate Matter	<100	<0.122	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00611	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-10	Lab ID: -10A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM



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Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: ATC-1220-STY-S-11	Lab ID: -11A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-12	Lab ID: -12A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): 816	
Total Particulate Matter	<100	<0.123	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	<0.00613	--	5	AIRBORNE SILICA	01/02/2002	ADM
Client ID: ATC-1220-STY-S-13, Blank	Lab ID: -13A	Date Sampled: 12/20/01		Matrix: Filter		Air Vol.(L): NA	
Total Particulate Matter	<100	--	--	100	N0500	01/02/2002	ADM
Silica (Quartz Total)	<5	--	--	5	AIRBORNE SILICA	01/02/2002	ADM

(a) Analysis indicates possible breakthrough; back section result is greater than % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

--: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.