



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA NVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 598

• NY DOH/NELAC 10903
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0238

**Analytical Results
for**

ATC Associates

WorkOrder: R02060649

Client Reference: 19125-0279, Metals

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m ³)	(ppm)			

Client ID: ATC-0611-234M-M1	Lab ID: -01A	Date Sampled: 6/11/2002	Matrix: Filter	Air Vol.(L): 1200		
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002 AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Chromium	0.362	0.000302	--	0.2	N7300 MCE	06/25/2002 AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	06/25/2002 AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Iron	3.06	0.00255	--	2	N7300 MCE	06/25/2002 AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002 AJB
Magnesium	1.56	0.00130	--	1.3	N7300 MCE	06/25/2002 AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002 AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002 AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/25/2002 AJB

Client ID: ATC-0611-234M-M2	Lab ID: -02A	Date Sampled: 6/11/2002	Matrix: Filter	Air Vol.(L): 1200		
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002 AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Chromium	0.320	0.000267	--	0.2	N7300 MCE	06/25/2002 AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	06/25/2002 AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	06/25/2002 AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002 AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	06/25/2002 AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002 AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002 AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002 AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/25/2002 AJB

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	(ug)	(mg/m ³)	(ppm)			

Client ID: ATC-0611-234M-M3 *Inst. Analyt.* Lab ID: -03A Date Sampled: 6/11/2002 Matrix: Filter Air Vol.(L): 1200

Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Chromium	0.326	0.000272	--	0.2	N7300 MCE	06/25/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	06/25/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Iron	2.51	0.00209	--	2	N7300 MCE	06/25/2002	AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002	AJB
Magnesium	1.41	0.00118	--	1.3	N7300 MCE	06/25/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/25/2002	AJB

Client ID: ATC-0611-234M-M4 *Inst. Analyt.* Lab ID: -04A Date Sampled: 6/11/2002 Matrix: Filter Air Vol.(L): 1200

Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Chromium	0.339	0.000282	--	0.2	N7300 MCE	06/25/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	06/25/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Iron	2.54	0.00211	--	2	N7300 MCE	06/25/2002	AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002	AJB
Magnesium	1.32	0.00110	--	1.3	N7300 MCE	06/25/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/25/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/25/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/25/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/25/2002	AJB



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Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m ³)	(ppm)			

Client ID: ATC-0611-234M-M5 *to file* Lab ID: -05A Date Sampled: 6/11/2002 Matrix: Filter Air Vol.(L): NA

Aluminum	<1.00	--	--	1	N7300 MCE	06/20/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Chromium	0.327	--	--	0.2	N7300 MCE	06/20/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	06/20/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	06/20/2002	AJB
Lead	<0.300	--	--	0.3	N7300 MCE	06/20/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	06/20/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	06/20/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	06/20/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	06/20/2002	AJB

Client ID: ATC-0611-234M-M6 *to file* Lab ID: -06A Date Sampled: 6/11/2002 Matrix: Filter Air Vol.(L): NA

Aluminum	<1.00	--	--	1	N7300 MCE	06/20/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Chromium	0.352	--	--	0.2	N7300 MCE	06/20/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	06/20/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	06/20/2002	AJB
Lead	<0.300	--	--	0.3	N7300 MCE	06/20/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	06/20/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	06/20/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	06/20/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	06/20/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	06/20/2002	AJB

(a) Analysis indicates possible breakthrough; back section result is greater than 0% 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.