



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 PA020
• CT DPH PH-0238

**Analytical Results
for**

ATC Associates

WorkOrder: R02051023

Client Reference: 19125-0290, METALS

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

Client ID: ATC-0524-M894-M1	Lab ID: -01A	Date Sampled: 5/24/2002	Matrix: Filter	Air Vol.(L): 1200		
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002 AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002 AJB
Chromium	0.640	0.000533	--	0.2	N7300 MCE	06/04/2002 AJB
Cobalt	<0.100	<0.000833	--	0.1	N7300 MCE	06/04/2002 AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/05/2002 AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	06/04/2002 AJB
Lead	0.328	0.000273	--	0.3	N7300 MCE	06/04/2002 AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	06/04/2002 AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/04/2002 AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002 AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002 AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/04/2002 AJB

Client ID: ATC-0524-M894-M2	Lab ID: -02A	Date Sampled: 5/24/2002	Matrix: Filter	Air Vol.(L): 1200		
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002 AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002 AJB
Chromium	0.696	0.000580	--	0.2	N7300 MCE	06/04/2002 AJB
Cobalt	<0.100	<0.000833	--	0.1	N7300 MCE	06/04/2002 AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	06/05/2002 AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	06/04/2002 AJB
Lead	0.335	0.000279	--	0.3	N7300 MCE	06/04/2002 AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	06/04/2002 AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/04/2002 AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002 AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002 AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/04/2002 AJB

Jun 06 02 01:42p

PSC

610-921-9667

P. 3



INDUSTRIAL HYGIENE

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

ENVIRONMENTAL TESTING

• NY DOH/NELAC 10803
• PA DEP 06-353
• NJ DEP PA020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R02051023

Client Reference: 19125-0290, METALS

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

Client ID: ATC-0524-M894-M3	Lab ID: -03A	Date Sampled: 5/24/2002	Matrix: Filter	Air Vol.(L): 1200			
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002	AJB
Chromium	0.811	0.000675	--	0.2	N7300 MCE	06/04/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	06/04/2002	AJB
Copper	0.285	0.000238	--	0.2	N7300 MCE	06/05/2002	AJB
Iron	3.18	0.00265	--	2	N7300 MCE	06/04/2002	AJB
Lead	0.317	0.000264	--	0.3	N7300 MCE	06/04/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	06/04/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	06/04/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	06/04/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	06/04/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	06/04/2002	AJB

Client ID: ATC-0524-M894-M4	Lab ID: -04A	Date Sampled: 5/24/2002			Matrix: Filter	Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	—	1	N7300 MCE	06/04/2002	AJB
Cadmium	<0.200	<0.000167	—	0.2	N7300 MCE	06/04/2002	AJB
Chromium	0.734	0.000612	—	0.2	N7300 MCE	06/04/2002	AJB
Cobalt	<0.100	<0.0000833	—	0.1	N7300 MCE	06/04/2002	AJB
Copper	<0.200	<0.000167	—	0.2	N7300 MCE	06/05/2002	AJB
Iron	2.23	0.00186	—	2	N7300 MCE	06/04/2002	AJB
Lead	0.335	0.000279	—	0.3	N7300 MCE	06/04/2002	AJB
Magnesium	<1.30	<0.00108	—	1.3	N7300 MCE	06/04/2002	AJB
Manganese	<0.300	<0.000250	—	0.3	N7300 MCE	06/04/2002	AJB
Molybdenum	<1.00	<0.000833	—	1	N7300 MCE	06/04/2002	AJB
Nickel	<0.200	<0.000167	—	0.2	N7300 MCE	06/04/2002	AJB
Zinc	<0.500	<0.000417	—	0.5	N7300 MCE	06/04/2002	AJB



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA NVLAP 101262-0

• NY DOH/NELAC 10903

• NJ DEP PA020

• AIHA ACCREDITATION NO. 100439

• PA DEP 06-353

• CT DPH PH-0238

• NC DENR 599

Analytical Results
for

ATC Associates

WorkOrder: R02051023

Client Reference: 19125-0290, METALS

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

Client ID: ATC-0524-M894-M5	Lab ID: -05A	Date Sampled: 5/24/2002	Matrix: Filter	Air Vol.(L): NA		
Aluminum	<1.00	--	--	1	N7300 MCE	06/04/2002 AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	06/04/2002 AJB
Chromium	0.667 ✓	--	--	0.2	N7300 MCE	06/04/2002 AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	06/04/2002 AJB
Copper	<0.200	--	--	0.2	N7300 MCE	06/05/2002 AJB
Iron	<2.00	--	--	2	N7300 MCE	06/04/2002 AJB
Lead	<0.300	--	--	0.3	N7300 MCE	06/04/2002 AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	06/04/2002 AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	06/04/2002 AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	06/04/2002 AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	06/04/2002 AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	06/04/2002 AJB

Client ID: ATC-0524-M894-M6	Lab ID: -06A	Date Sampled: 5/24/2002	Matrix: Filter	Air Vol.(L): NA		
Aluminum	<1.00	--	--	1	N7300 MCE	06/04/2002 AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	06/04/2002 AJB
Chromium	0.672 ✓	--	--	0.2	N7300 MCE	06/04/2002 AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	06/04/2002 AJB
Copper	<0.200	--	--	0.2	N7300 MCE	06/05/2002 AJB
Iron	<2.00	--	--	2	N7300 MCE	06/04/2002 AJB
Lead	<0.300	--	--	0.3	N7300 MCE	06/04/2002 AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	06/04/2002 AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	06/04/2002 AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	06/04/2002 AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	06/04/2002 AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	06/04/2002 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.