

5-24-2002 4:20PM

FROM PHILIP ANALYTICAL 610 921 8407

P. 3



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

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

• NY DOH/NELAC 10903
 • PA DEP 08-353

• NJ DEP PA020
 • CT DPH PH-0238

Analytical Results
 for

ATC Associates

WorkOrder: R02050656

Client Reference: 19125-0289, Metals

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

Client ID: ATC-0513-150M-M1		Lab ID: -01A		Date Sampled: 5/13/2002		Matrix: Filter		Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB		
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Chromium	0.408	0.000340	✓	0.2	N7300 MCE	05/24/2002	AJB		
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/23/2002	AJB		
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/23/2002	AJB		
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB		
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/23/2002	AJB		
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB		
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB		
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/24/2002	AJB		

Client ID: ATC-0513-150M-M2		Lab ID: -02A		Date Sampled: 5/13/2002		Matrix: Filter		Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB		
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Chromium	0.474	0.000395	✓	0.2	N7300 MCE	05/24/2002	AJB		
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/23/2002	AJB		
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/23/2002	AJB		
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB		
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/23/2002	AJB		
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB		
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB		
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB		
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/24/2002	AJB		



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPAN/LAP 101262-0

• NY DOH/ELAC 10903

• NJ DEP PA020

• AIHA ACCREDITATION NO. 100439

• PA DEP 08-353

• CT DPH PH-0238

• NC DENR 599

Analytical Results
for

ATC Associates

WorkOrder: R02050656

Client Reference: 19125-0289, Metals

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

Client ID: ATC-0513-150M-M3	Lab ID: -03A	Date Sampled: 5/13/2002			Matrix: Filter	Air Vol.(L): 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB
Chromium	0.470 ✓	0.000392	—	0.2	N7300 MCE	05/24/2002	AJB
Cobalt	<0.100	<0.0000833	—	0.1	N7300 MCE	05/23/2002	AJB
Copper	<0.200	<0.000167	—	0.2	N7300 MCE	05/23/2002	AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/23/2002	AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/23/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/23/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/23/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/23/2002	AJB
Zinc	<0.500	<0.000417	—	0.5	N7300 MCE	05/24/2002	AJB

Client ID: M4 ATC-0513/0515-150M	Lab ID: -04A	Date Sampled: 5/13/2002		Matrix: Filter		Air Vol.(L): NA	
Aluminum	<1.00	--	--	1	N7300 MCE	05/23/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Chromium	0.582 ✓	--	--	0.2	N7300 MCE	05/24/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	05/23/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	05/23/2002	AJB
Lead	<0.300	--	--	0.3	N7300 MCE	05/23/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	05/23/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	05/23/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	05/23/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	05/24/2002	AJB



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

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

• NY DOH NELAC 10803
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R02050656

Client Reference: 19125-0289, Metals

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: M5 ATC-0513/0515-150M	Lab ID: -05A	Date Sampled: 5/13/2002		Matrix: Filter		Air Vol.(L): NA	
Aluminum	<1.00	--	--	1	N7300 MCE	05/23/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Chromium	0.432	--	--	0.2	N7300 MCE	05/24/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	05/23/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	05/23/2002	AJB
Lead	<0.300	--	--	0.3	N7300 MCE	05/23/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	05/23/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	05/23/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	05/23/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	05/23/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	05/24/2002	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.