



ANALYTICAL SERVICES

INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA NVLAP 101262-0 • NY DOH NELAC 10903 • NJ DEP PA02C
 • AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
 • NC DENR 599

Analytical Results
for

ATC Associates

WorkOrder: R02050241

Client Reference: 19125-0246, Metals

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

Client ID: ATC-0501-STY-M1 *At Lab* Lab ID: -01A Date Sampled: 5/1/2002 Matrix: Filter Air Vol.(L): 960

Aluminum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.469	0.000489	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.000104	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	3.17	0.00330	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.359	0.000374	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00135	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000312	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000521	--	0.5	N7300 MCE	05/15/2002	AJB

Client ID: ATC-0501-STY-M2 *Drill Core Lab* Lab ID: -02A Date Sampled: 5/1/2002 Matrix: Filter Air Vol.(L): 960

Aluminum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.530	0.000552	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.000104	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	5.43	0.00566	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.340	0.000354	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00135	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000312	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000521	--	0.5	N7300 MCE	05/15/2002	AJB



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for

ATC Associates

WorkOrder: R02050241

Client Reference: 19125-0246, Metals

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

Client ID: ATC-0501-STY-M3 *R02* Lab ID: -03A Date Sampled: 5/1/2002 Matrix: Filter Air Vol.(L): 960

Aluminum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.468	0.000487	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.000104	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	<0.00208	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.332	0.000345	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00135	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000312	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.00104	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000208	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000521	--	0.5	N7300 MCE	05/15/2002	AJB

Client ID: ATC-0501-STY-M4 *R02* Lab ID: -04A Date Sampled: 5/1/2002 Matrix: Filter Air Vol.(L): NA

Aluminum	<1.00	--	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.633	--	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.313	--	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	05/15/2002	AJB



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Client Reference: 19125-0246, Metals

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: ATC-0501-STY-M5 Lab ID: -05A Date Sampled: 5/1/2002 Matrix: Filter Air Vol.(L): NA							
Aluminum	<1.00	--	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.302	--	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.322	--	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	05/15/2002	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.