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PSC
ANALYTICAL SERVICES

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: R02050242
Client Reference: 19125-0290, Metals

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-0503-M894-M1	**Lab ID:** -01A	**Date Sampled:** 5/3/2002		**Matrix:** Filter		**Air Vol.(L):** 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.483	0.000403	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.340	0.000283	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/15/2002	AJB
Client ID: ATC-0503-M894-M2	**Lab ID:** -02A	**Date Sampled:** 5/3/2002		**Matrix:** Filter		**Air Vol.(L):** 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.393	0.000327	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/15/2002	AJB
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/15/2002	AJB

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Analytical Results
for
ATC Associates

WorkOrder: R02050242
Client Reference: 19125-0290, Metals

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-0503-M894-M3	**Lab ID:** -03A	**Date Sampled:** 5/3/2002		**Matrix:** Filter		**Air Vol.(L):** 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.461	0.000384	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.379	0.000316	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/15/2002	AJB
Client ID: ATC-0503-M894-M4	**Lab ID:** -04A	**Date Sampled:** 5/3/2002		**Matrix:** Filter		**Air Vol.(L):** 1200	
Aluminum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Chromium	0.528	0.000440	--	0.2	N7300 MCE	05/15/2002	AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	05/15/2002	AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	05/15/2002	AJB
Lead	0.410	0.000342	--	0.3	N7300 MCE	05/15/2002	AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	05/15/2002	AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	05/15/2002	AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	05/15/2002	AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	05/15/2002	AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	05/15/2002	AJB

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
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Analytical Results
for
ATC Associates

WorkOrder: R02050242
Client Reference: 19125-0290, Metals

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-0503-M894-M5	**Lab ID:** -05A	**Date Sampled:** 5/3/2002		**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	0.294	--	--	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	0.360	--	--	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
Client ID: ATC-0503-M894-M6	**Lab ID:** -06A	**Date Sampled:** 5/3/2002		**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	0.439	--	--	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	0.341	--	--	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.

C = 0.366
Pb = 0.3505

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