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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:** R02060251
**Client Reference:** 19125-0297 Metals

| Analyte | Concentration (ug) | Concentration (mg/m³) | Concentration (ppm) | Limit of Detection (ug) | Test Method | Date Analyzed /Analyst | |
|---|---|---|---|---|---|---|---|
| **Client ID:** ATC-0530-89M-M1 | **Lab ID:** -01A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** 1200 | |
| Aluminum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | ~~0.313~~ | 0.000261 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | <0.00167 | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | <0.00108 | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | <0.000417 | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |
| **Client ID:** ATC-0530-89M-M2 | **Lab ID:** -02A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** 1200 | |
| Aluminum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | ~~0.369~~ | 0.000307 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | <0.00167 | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | <0.00108 | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | <0.000417 | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |



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INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

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- 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:** R02060251
**Client Reference:** 19125-0297 Metals

| Analyte | Concentration (ug) | Concentration (mg/m³) | Concentration (ppm) | Limit of Detection (ug) | Test Method | Date Analyzed /Analyst | |
|---|---|---|---|---|---|---|---|
| **Client ID:** ATC-0530-89M-M3 | **Lab ID:** -03A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** 1200 | |
| Aluminum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | 0.322 | 0.000269 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | <0.00167 | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | <0.00108 | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | <0.000417 | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |
| **Client ID:** ATC-0530-89M-M4 | **Lab ID:** -04A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** 1200 | |
| Aluminum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | 0.344 | 0.000287 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | <0.00167 | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | <0.00108 | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | <0.000250 | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | <0.000833 | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | <0.000167 | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | <0.000417 | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |



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INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

**Analytical Results**
**for**
**ATC Associates**

**WorkOrder:** R02060251
**Client Reference:** 19125-0297 Metals

| Analyte | Concentration (ug) | Concentration (mg/m³) | Concentration (ppm) | Limit of Detection (ug) | Test Method | Date Analyzed /Analyst | |
|---|---|---|---|---|---|---|---|
| **Client ID:** ATC-0530-89M-M5 | **Lab ID:** -05A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** NA | |
| Aluminum | <1.00 | -- | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | 0.356 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | -- | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | -- | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | -- | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | -- | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | -- | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | -- | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | -- | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |
| **Client ID:** ATC-0530-89M-M6 | **Lab ID:** -06A | **Date Sampled:** 5/30/2002 | | **Matrix:** Filter | | **Air Vol.(L):** NA | |
| Aluminum | <1.00 | -- | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Cadmium | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Chromium | 0.322 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Cobalt | <0.100 | -- | -- | 0.1 | N7300 MCE | 06/14/2002 | DS |
| Copper | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Iron | <2.00 | -- | -- | 2 | N7300 MCE | 06/14/2002 | DS |
| Lead | <0.300 | -- | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Magnesium | <1.30 | -- | -- | 1.3 | N7300 MCE | 06/14/2002 | DS |
| Manganese | <0.300 | -- | -- | 0.3 | N7300 MCE | 06/14/2002 | DS |
| Molybdenum | <1.00 | -- | -- | 1 | N7300 MCE | 06/14/2002 | DS |
| Nickel | <0.200 | -- | -- | 0.2 | N7300 MCE | 06/14/2002 | DS |
| Zinc | <0.500 | -- | -- | 0.5 | N7300 MCE | 06/14/2002 | DS |

(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.



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