TRC
Customer-Focused Solutions
1430 Broadway, 10th Fl. New York, New York 10018
Phone: (212) 221-7822 - Fax: (212) 221-7840

## LMDC Air Metals Profile

| | | | |
|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 3/28/2005 |
| | New York, NY 10006 | Date Analyzed | 3/28/2005 |
| Collected By | K. DaRocha/ V. Bajomo | Job Location | 130 Liberty Street |
| Collected | 3/27/2005 | | |
| Rotometer | Standard | | |

Lab ID 010501059-0001 Matrix Air
Field ID M-032705-373
Location Washington Street/Albany Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.8681** | µg/m3 | <0.8681 | 500 | |
| **Beryllium, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.0347** | µg/m3 | <0.0347 | 1 | |
| **Cadmium, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.0347** | µg/m3 | <0.0347 | 2.5 | |
| **Chromium, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.0868** | µg/m3 | <0.0868 | 500 | |
| **Copper, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 500 | |
| **Lead, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.0868** | µg/m3 | <0.0868 | 30 | |
| **Manganese, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.1302** | µg/m3 | <0.1302 | 1000 | |
| **Nickel, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 500 | |
| **Zinc, Total** | 16:01 | 16:01 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 2500 | |

Lab ID 010501059-0002 Matrix Air
Field ID M-032705-374
Location Albany Street/Greenwich Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.8790** | µg/m3 | <0.8790 | 500 | |
| **Beryllium, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.0352** | µg/m3 | <0.0352 | 1 | |
| **Cadmium, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.0352** | µg/m3 | <0.0352 | 2.5 | |
| **Chromium, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.0879** | µg/m3 | <0.0879 | 500 | |
| **Copper, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 500 | |
| **Lead, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.0879** | µg/m3 | <0.0879 | 30 | |
| **Manganese, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.1319** | µg/m3 | <0.1319 | 1000 | |
| **Nickel, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 500 | |
| **Zinc, Total** | 16:04 | 16:04 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 2500 | |

MDL = Minimum Detection Limit
MCL = Maximum Contaminant Level
> MCL = Exceeds Maximum Contaminant Level
Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506

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|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 3/28/2005 |
| | New York, NY 10006 | Date Analyzed | 3/28/2005 |
| Collected By | K. DaRocha/ V. Bajomo | Job Location | 130 Liberty Street |
| Collected | 3/27/2005 | | |
| Rotometer | Standard | | |

Lab ID 010501059-0003 Matrix Air
Field ID M-032705-375
Location Greenwich Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.8790** | µg/m3 | <0.8790 | 500 | |
| **Beryllium, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.0352** | µg/m3 | <0.0352 | 1 | |
| **Cadmium, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.0352** | µg/m3 | <0.0352 | 2.5 | |
| **Chromium, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.0879** | µg/m3 | <0.0879 | 500 | |
| **Copper, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 500 | |
| **Lead, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.0879** | µg/m3 | <0.0879 | 30 | |
| **Manganese, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.1319** | µg/m3 | <0.1319 | 1000 | |
| **Nickel, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 500 | |
| **Zinc, Total** | 16:07 | 16:07 | 3.95 | 5688 | **<0.1758** | µg/m3 | <0.1758 | 2500 | |

Lab ID 010501059-0004 Matrix Air
Field ID M-032705-376
Location Greenwich Street/Liberty Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.8681** | µg/m3 | <0.8681 | 500 | |
| **Beryllium, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.0347** | µg/m3 | <0.0347 | 1 | |
| **Cadmium, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.0347** | µg/m3 | <0.0347 | 2.5 | |
| **Chromium, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.0868** | µg/m3 | <0.0868 | 500 | |
| **Copper, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 500 | |
| **Lead, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.0868** | µg/m3 | <0.0868 | 30 | |
| **Manganese, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.1302** | µg/m3 | <0.1302 | 1000 | |
| **Nickel, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 500 | |
| **Zinc, Total** | 16:10 | 16:10 | 4 | 5760 | **<0.1736** | µg/m3 | <0.1736 | 2500 | |

MDL = Minimum Detection Limit
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Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506

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**LMDC Air Metals Profile**

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|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 3/28/2005 |
| | New York, NY 10006 | Date Analyzed | 3/28/2005 |
| Collected By | K. DaRocha/ V. Bajomo | Job Location | 130 Liberty Street |
| Collected | 3/27/2005 | | |
| Rotometer | Standard | | |

| | | | |
|---|---|---|---|
| Lab ID | 010501059-0005 | Matrix | Air |
| Field ID | M-032705-377 | | |
| Location | Washington Street/Cedar Street | | |

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.8693** | µg/m3 | <0.8693 | 500 | |
| **Beryllium, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.0348** | µg/m3 | <0.0348 | 1 | |
| **Cadmium, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.0348** | µg/m3 | <0.0348 | 2.5 | |
| **Chromium, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.0869** | µg/m3 | <0.0869 | 500 | |
| **Copper, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.1739** | µg/m3 | <0.1739 | 500 | |
| **Lead, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.0869** | µg/m3 | <0.0869 | 30 | |
| **Manganese, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.1304** | µg/m3 | <0.1304 | 1000 | |
| **Nickel, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.1739** | µg/m3 | <0.1739 | 500 | |
| **Zinc, Total** | 16:16 | 16:14 | 4 | 5752 | **<0.1739** | µg/m3 | <0.1739 | 2500 | |

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