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 | 5/11/2005 |
| | New York, NY 10006 | Date Analyzed | 5/11/2005 |
| Collected By | V. Bajamo | Job Location | 130 Liberty Street |
| Collected | 5/10/2005 | | |
| Rotometer | Standard | | |

Lab ID 010501750-0001 Matrix Air
Field ID M-051005-637
Location Washington Street/Albany Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.87** | µg/m3 | 0.8700 | 500 | |
| **Beryllium, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 1 | |
| **Cadmium, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 2.5 | |
| **Chromium, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 500 | |
| **Copper, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Lead, Total** | 16:02 | 16:01 | 4 | 5756 | **0.12** | µg/m3 | 0.087 | 30 | |
| **Manganese, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.13** | µg/m3 | 0.13 | 1000 | |
| **Nickel, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Zinc, Total** | 16:02 | 16:01 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 2500 | |

Lab ID 010501750-0002 Matrix Air
Field ID M-051005-638
Location Albany Street/Greenwich Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.87** | µg/m3 | 0.8700 | 500 | |
| **Beryllium, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 1 | |
| **Cadmium, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 2.5 | |
| **Chromium, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 500 | |
| **Copper, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Lead, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 30 | |
| **Manganese, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.13** | µg/m3 | 0.13 | 1000 | |
| **Nickel, Total** | 16:05 | 16:04 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Zinc, Total** | 16:05 | 16:04 | 4 | 5756 | **0.25** | µg/m3 | 0.17 | 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 | 5/11/2005 |
| | New York, NY 10006 | Date Analyzed | 5/11/2005 |
| Collected By | V. Bajamo | Job Location | 130 Liberty Street |
| Collected | 5/10/2005 | | |
| Rotometer | Standard | | |

Lab ID 010501750-0003 Matrix Air
Field ID M-051005-639
Location Greenwich Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.87** | µg/m3 | 0.8700 | 500 | |
| **Beryllium, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 1 | |
| **Cadmium, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 2.5 | |
| **Chromium, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 500 | |
| **Copper, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Lead, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 30 | |
| **Manganese, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.13** | µg/m3 | 0.13 | 1000 | |
| **Nickel, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Zinc, Total** | 16:08 | 16:07 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 2500 | |

Lab ID 010501750-0004 Matrix Air
Field ID M-051005-640
Location Greenwich Street/Liberty Street

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.89** | µg/m3 | 0.8900 | 500 | |
| **Beryllium, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.036** | µg/m3 | 0.036 | 1 | |
| **Cadmium, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.036** | µg/m3 | 0.036 | 2.5 | |
| **Chromium, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.089** | µg/m3 | 0.089 | 500 | |
| **Copper, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.18** | µg/m3 | 0.18 | 500 | |
| **Lead, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.089** | µg/m3 | 0.089 | 30 | |
| **Manganese, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.13** | µg/m3 | 0.13 | 1000 | |
| **Nickel, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.18** | µg/m3 | 0.18 | 500 | |
| **Zinc, Total** | 16:11 | 16:10 | 3.9 | 5612 | **<0.18** | µg/m3 | 0.18 | 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 | 5/11/2005 |
| | New York, NY 10006 | Date Analyzed | 5/11/2005 |
| Collected By | V. Bajamo | Job Location | 130 Liberty Street |
| Collected | 5/10/2005 | | |
| Rotometer | Standard | | |

| | | | |
|---|---|---|---|
| Lab ID | 010501750-0005 | Matrix | Air |
| Field ID | M-051005-641 | | |
| Location | Washington Street/Cedar Street | | |

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.87** | µg/m3 | 0.8700 | 500 | |
| **Beryllium, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 1 | |
| **Cadmium, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.035** | µg/m3 | 0.035 | 2.5 | |
| **Chromium, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 500 | |
| **Copper, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Lead, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.087** | µg/m3 | 0.087 | 30 | |
| **Manganese, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.13** | µg/m3 | 0.13 | 1000 | |
| **Nickel, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 500 | |
| **Zinc, Total** | 16:14 | 16:13 | 4 | 5756 | **<0.17** | µg/m3 | 0.17 | 2500 | |

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