



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary

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August 12, 2009

FID: 998036710

MR. JEFFREY LOEWE
MICROBAC LABORATORIES INC. - CHICAGOLAND DIV
250 WEST 84TH DR
MERRILLVILLE, IN 46410

Dear Mr. Jeffrey Loewe:

Enclosed is your new Laboratory Certification or Registration certificate. This certificate supersedes all previous certificates.

YOUR CERTIFICATE IS AN IMPORTANT DOCUMENT. PLEASE REVIEW IT CAREFULLY FOR ERRORS AND COMPARE IT TO YOUR PREVIOUS YEAR'S CERTIFICATE. MAKE SURE THAT THIS CERTIFICATE REFLECTS THE TESTS FOR WHICH YOU APPLIED TO BE CERTIFIED. If you believe your certificate contains errors, contact the Laboratory Certification and Registration Program immediately at (608) 267-7633 or by e-mail at LabCert@dnr.state.wi.us.

Sincerely,

David Webb, Chief
Environmental Science Services
Bureau of Integrated Science Services

AUG 19 2009

State of Wisconsin
Department of Natural Resources



recognizes

Wisconsin Certification under NR 149
of
Microbac Laboratories Inc. - Chicagoland Div

Laboratory Id: **998036710**

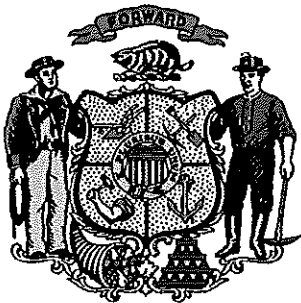
as a laboratory licensed to perform environmental sample analysis in support of covered environmental programs (ch. NR149.02 Note) for the parameter(s) specified in the attached Scope of Accreditation.

August 31, 2010

Expiration Date

August 12, 2009

Issued on



David Webb

David Webb, Chief
Environmental Science Services

Matthew J. Frank

Matthew J. Frank, Secretary
Department of Natural Resources

This certificate does not guarantee validity of data generated, but indicates the methodology, equipment, quality control practices, records, and proficiency of the laboratory have been reviewed and found to satisfy the requirements of ch. NR 149, Wis. Adm. Code.

Scope of Accreditation

Microbac Laboratories Inc. - Chicagoland Div
250 West 84th Dr
Merrillville, IN 46410

Laboratory Id: **998036710**
 Expiration Date: **08/31/10**
 Issued Date: **08/12/09**

Wisconsin Certification under NR 149 Matrix: Aqueous (Non-potable Water)

<p>Class: General Chemistry Cyanide, Total <i>by Colorimetric</i> Phenolics, Total <i>by Colorimetric</i></p>	<p>Class: Pesticides, Organochlorine * PESTICIDES, ORGANOCHLORINE ANALYTE GROUP <i>by GC</i> Endosulfan I <i>by GC</i> Methoxychlor <i>by GC</i></p>
<p>Class: Metals Aluminum <i>by ICP</i> Aluminum <i>by ICP-MS</i> Antimony <i>by GFAA</i> Antimony <i>by ICP</i> Antimony <i>by ICP-MS</i> Arsenic <i>by GFAA</i> Arsenic <i>by ICP</i> Arsenic <i>by ICP-MS</i> Cadmium <i>by GFAA</i> Cadmium <i>by ICP</i> Cadmium <i>by ICP-MS</i> Calcium <i>by ICP</i> Chromium (Hexavalent) <i>by Colorimetric</i> Chromium (Total) <i>by ICP</i> Chromium (Total) <i>by ICP-MS</i> Copper <i>by ICP</i> Copper <i>by ICP-MS</i> Iron <i>by ICP</i> Iron <i>by ICP-MS</i> Lead <i>by GFAA</i> Lead <i>by ICP</i> Lead <i>by ICP-MS</i> Magnesium <i>by ICP</i> Magnesium <i>by ICP-MS</i> Manganese <i>by ICP</i> Manganese <i>by ICP-MS</i> Mercury <i>by Hyd-CVAA</i> Mercury <i>by ICP-MS</i> Mercury <i>by UltraLow</i> Nickel <i>by ICP</i> Nickel <i>by ICP-MS</i> Potassium <i>by ICP</i> Selenium <i>by GFAA</i> Selenium <i>by ICP</i> Selenium <i>by ICP-MS</i> Silver <i>by ICP</i> Silver <i>by ICP-MS</i> Thallium <i>by GFAA</i> Thallium <i>by ICP</i> Thallium <i>by ICP-MS</i> Zinc <i>by ICP</i> Zinc <i>by ICP-MS</i></p>	<p>Class: PCBs as Aroclors * PCB as AROCLORS ANALYTE GROUP <i>by GC</i></p> <p>Class: Volatile Organics * VOC ANALYTE GROUP <i>by GC/MS</i></p>

The laboratory named above is hereby licensed under ch. NR 149, Wis. Adm. Code for the parameters listed in this attachment.
 * Analyte groups are defined and listed on the WI DNR Lab Certification website. See <http://dnr.wi.gov/org/es/science/lc/> for details.

Scope of Accreditation

Microbac Laboratories Inc. - Chicagoland Div
250 West 84th Dr
Merrillville, IN 46410

Laboratory Id: **998036710**
 Expiration Date: **08/31/10**
 Issued Date: **08/12/09**

Wisconsin Certification under NR 149 Matrix: Solid (Waste, Soil & Tissue)

<p>Class: General Chemistry Cyanide, Total <i>by Colorimetric</i> Phenolics, Total <i>by Colorimetric</i></p>	<p>Class: Pesticides, Organochlorine * PESTICIDES, ORGANOCHLORINE ANALYTE GROUP <i>by GC</i></p>
<p>Class: Metals Aluminum <i>by ICP</i> Aluminum <i>by ICP-MS</i> Antimony <i>by GFAA</i> Antimony <i>by ICP</i> Antimony <i>by ICP-MS</i> Arsenic <i>by GFAA</i> Arsenic <i>by ICP</i> Arsenic <i>by ICP-MS</i> Cadmium <i>by GFAA</i> Cadmium <i>by ICP</i> Cadmium <i>by ICP-MS</i> Calcium <i>by ICP</i> Chromium (Hexavalent) <i>by Colorimetric</i> Chromium (Total) <i>by ICP</i> Chromium (Total) <i>by ICP-MS</i> Copper <i>by ICP</i> Copper <i>by ICP-MS</i> Iron <i>by ICP</i> Iron <i>by ICP-MS</i> Lead <i>by GFAA</i> Lead <i>by ICP</i> Lead <i>by ICP-MS</i> Magnesium <i>by ICP</i> Magnesium <i>by ICP-MS</i> Manganese <i>by ICP</i> Manganese <i>by ICP-MS</i> Mercury <i>by Hyd-CVAA</i> Mercury <i>by ICP-MS</i> Nickel <i>by ICP</i> Nickel <i>by ICP-MS</i> Potassium <i>by ICP</i> Selenium <i>by GFAA</i> Selenium <i>by ICP</i> Selenium <i>by ICP-MS</i> Silver <i>by ICP</i> Silver <i>by ICP-MS</i> Thallium <i>by GFAA</i> Thallium <i>by ICP</i> Thallium <i>by ICP-MS</i> Zinc <i>by ICP</i> Zinc <i>by ICP-MS</i></p>	<p>Class: PCBs as Aroclors * PCB as AROCLORS ANALYTE GROUP <i>by GC</i></p> <p>Class: Volatile Organics * VOC ANALYTE GROUP <i>by GC/MS</i></p>

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