

Scope of Accreditation

RTI Laboratories Inc
31628 Glendale Ave.
Livonia, MI 48150

Laboratory Id: **998293560**
 Expiration Date: **08/31/19**
 Issued Date: **08/27/18**

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

<p>Class: General Chemistry Ammonia as N <i>by ISE</i> Bromide <i>by IC</i> Chemical Oxygen Demand (COD) <i>by Colorimetry</i> Chloride <i>by IC</i> Cyanide, Total <i>by Colorimetry</i> Fluoride <i>by IC</i> HEM (Oil&Grease, Hexane Ext. Material (HEM)) <i>by Grav-HEM</i> Nitrate <i>by IC</i> Nitrite <i>by IC</i> Organic Carbon, Total (TOC) <i>by Comb-Ox</i> Phosphorus, Total <i>by Colorimetry</i> Residue, Filterable (TDS) <i>by Grav</i> Residue, Nonfilterable (TSS) <i>by Grav</i> Residue, Total <i>by Grav</i> Sulfate <i>by IC</i></p>	<p>Class: Metals Manganese <i>by ICP-MS</i> Mercury <i>by Hyd-CVAA</i> Molybdenum <i>by ICP</i> Molybdenum <i>by ICP-MS</i> Nickel <i>by ICP</i> Nickel <i>by ICP-MS</i> Potassium <i>by ICP</i> Potassium <i>by ICP-MS</i> Selenium <i>by ICP</i> Selenium <i>by ICP-MS</i> Silver <i>by ICP</i> Silver <i>by ICP-MS</i> Sodium <i>by ICP</i> Sodium <i>by ICP-MS</i> Strontium <i>by ICP</i> Strontium <i>by ICP-MS</i> Thallium <i>by ICP</i> Thallium <i>by ICP-MS</i> Tin <i>by ICP</i> Tin <i>by ICP-MS</i> Titanium <i>by ICP</i> Titanium <i>by ICP-MS</i> Vanadium <i>by ICP</i> Vanadium <i>by ICP-MS</i> Zinc <i>by ICP</i> Zinc <i>by ICP-MS</i></p>
<p>Class: Metals Aluminum <i>by ICP</i> Aluminum <i>by ICP-MS</i> Antimony <i>by ICP</i> Antimony <i>by ICP-MS</i> Arsenic <i>by ICP</i> Arsenic <i>by ICP-MS</i> Barium <i>by ICP</i> Barium <i>by ICP-MS</i> Beryllium <i>by ICP</i> Beryllium <i>by ICP-MS</i> Boron <i>by ICP-MS</i> Cadmium <i>by ICP</i> Cadmium <i>by ICP-MS</i> Calcium <i>by ICP</i> Calcium <i>by ICP-MS</i> Chromium (Total) <i>by ICP</i> Chromium (Total) <i>by ICP-MS</i> Cobalt <i>by ICP</i> Cobalt <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 ICP</i> Lead <i>by ICP-MS</i> Magnesium <i>by ICP</i> Magnesium <i>by ICP-MS</i> Manganese <i>by ICP</i></p>	<p>Class: BNA Semivolatiles ## SEMIVOLATILES [BNA] (group) <i>by GC/MS</i></p> <p>Class: Pesticides, Organochlorine ## PESTICIDES, ORGANOCHLORINE (group) <i>by GC</i></p> <p>Class: PCBs as Aroclors ## PCB as AROCLORS (group) <i>by GC</i></p> <p>Class: Volatile Organics ## VOLATILE ORGANICS [VOC] (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 at <http://dnr.wi.gov> by searching keywords "Lab Certification:".

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

<p>Class: General Chemistry Bromide <i>by IC</i> Chloride <i>by IC</i> Cyanide, Total <i>by Colorimetry</i> Fluoride <i>by IC</i> Nitrate <i>by IC</i> Nitrite <i>by IC</i> Organic Carbon, Total (TOC) <i>by Comb-Ox</i> Phosphorus, Total <i>by Colorimetry</i> Residue, Total <i>by Grav</i> Sulfate <i>by IC</i></p>	<p>Class: Metals Potassium <i>by ICP</i> Potassium <i>by ICP-MS</i> Selenium <i>by ICP</i> Selenium <i>by ICP-MS</i> Silver <i>by ICP</i> Silver <i>by ICP-MS</i> Sodium <i>by ICP</i> Sodium <i>by ICP-MS</i> Strontium <i>by ICP</i> Strontium <i>by ICP-MS</i> Thallium <i>by ICP</i> Thallium <i>by ICP-MS</i> Tin <i>by ICP</i> Tin <i>by ICP-MS</i> Titanium <i>by ICP</i> Titanium <i>by ICP-MS</i> Vanadium <i>by ICP</i> Vanadium <i>by ICP-MS</i> Zinc <i>by ICP</i> Zinc <i>by ICP-MS</i></p>
<p>Class: Metals Aluminum <i>by ICP</i> Aluminum <i>by ICP-MS</i> Antimony <i>by ICP</i> Antimony <i>by ICP-MS</i> Arsenic <i>by ICP</i> Arsenic <i>by ICP-MS</i> Barium <i>by ICP</i> Barium <i>by ICP-MS</i> Beryllium <i>by ICP</i> Beryllium <i>by ICP-MS</i> Boron <i>by ICP-MS</i> Cadmium <i>by ICP</i> Cadmium <i>by ICP-MS</i> Calcium <i>by ICP</i> Calcium <i>by ICP-MS</i> Chromium (Total) <i>by ICP</i> Chromium (Total) <i>by ICP-MS</i> Cobalt <i>by ICP</i> Cobalt <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 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> Molybdenum <i>by ICP</i> Molybdenum <i>by ICP-MS</i> Nickel <i>by ICP</i> Nickel <i>by ICP-MS</i></p>	<p>Class: BNA Semivolatiles ## SEMIVOLATILES [BNA] (group) <i>by GC/MS</i></p> <p>Class: Pesticides, Organochlorine ## PESTICIDES, ORGANOCHLORINE (group) <i>by GC</i></p> <p>Class: PCBs as Aroclors ## PCB as AROCLORS (group) <i>by GC</i></p> <p>Class: Volatile Organics ## VOLATILE ORGANICS [VOC] (group) <i>by GC/MS</i></p> <p>Class: Waste Characterization Extractions SPLP Extraction <i>by Waste Extractions</i> TCLP Extraction <i>by Waste Extractions</i></p> <p>Class: Waste Characterization Assays Ignitability, Pinsky-Martens Closed Cup <i>by Waste Assays</i></p>

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