



**STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
NELAP - RECOGNIZED**



**ENVIRONMENTAL LABORATORY ACCREDITATION**

is hereby granted to

**SCIENTIFIC CONTROL LABORATORY, INC.**

**3158 SOUTH KOLIN AVENUE**

**CHICAGO, IL 60623-4831**

**NELAP ACCREDITED**

**ACCREDITATION NUMBER #100183**



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Ron Turpin  
Manager  
Environmental Laboratory Accreditation Program

Scott D. Siders  
Accreditation Officer  
Environmental Laboratory Accreditation Program

Certificate No.: 002232  
Expiration Date: 03/31/2010  
Issued On: 03/10/2009

**State of Illinois**  
**Environmental Protection Agency**

Certificate No.:

002232

**Awards the Certificate of Approval**

Scientific Control Laboratory, Inc.  
3158 South Kolin Avenue  
Chicago, IL 60623-4831

---

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

---

**Hazardous and Solid Waste, Inorganic**

- 1311  
TCLP (Organic and Inorganic)
  - 6010B
    - Aluminum
    - Barium
    - Cadmium
    - Cobalt
    - Lead
    - Manganese
    - Potassium
    - Silver
    - Thallium
    - Vanadium
  - 7130
    - Cadmium
  - 7190
    - Chromium
  - 7196A (Non-Potable Martix Only)
    - Chromium VI
  - 7210
    - Copper
  - 7380
    - Iron
  - 7420
    - Lead
  - 7460
    - Manganese
  - 7471A
    - Mercury
  - 7520
    - Nickel
  - 7760A
    - Silver
  - 7950
    - Zinc
- |            |           |
|------------|-----------|
| Antimony   | Arsenic   |
| Beryllium  | Boron     |
| Calcium    | Chromium  |
| Copper     | Iron      |
| Lithium    | Magnesium |
| Molybdenum | Nickel    |
| Selenium   | Silica    |
| Sodium     | Strontium |
| Tin        | Titanium  |
| Zinc       |           |

**State of Illinois**  
**Environmental Protection Agency**

Certificate No.:

002232

**Awards the Certificate of Approval**

Scientific Control Laboratory, Inc.  
3158 South Kolin Avenue  
Chicago, IL 60623-4831

---

**Hazardous and Solid Waste, Inorganic**

9010B

Cyanide

9012A

Cyanide

9014

Cyanide

9030B

Sulfides

9034

Sulfides

9050A

Specific Conductance

9056

Nitrite

Phosphate

9065

Phenolics

9070

Total Recoverable Oil & Grease

9095A

Paint Filter

Chapter 7/9012A

Reactive Cyanide

Chapter 7/9014

Reactive Cyanide

Chapter 7/9034

Reactive Sulfide

**Wastewater, Inorganic**

SM2310B4a, 20Ed

Acidity

SM2320B, 20Ed

Alkalinity

SM2340B, 20Ed

Hardness

SM2510B, 20Ed

Specific Conductance

SM2540B, 20Ed

Residue (Total)

SM2540C, 20Ed

Residue (TDS)

SM2540D, 20Ed

Residue (TSS)

SM2540G, 18Ed

**State of Illinois  
Environmental Protection Agency**

Certificate No.:

002232

**Awards the Certificate of Approval**

Scientific Control Laboratory, Inc.  
3158 South Kolin Avenue  
Chicago, IL 60623-4831

<i>Wastewater, Inorganic</i>	<i>SM2540G, 18Ed</i>	Residue (% solids)
<i>SM3111B, 19Ed</i>		
Cadmium	Chromium	Copper
Iron	Lead	Manganese
Nickel	Silver	Zinc
<i>SM3500Cr-B, 20Ed</i>		
Chromium VI		
<i>SM4500CL-C, 20Ed</i>		
Chloride		
<i>SM4500CN-CE, 20Ed</i>		
Cyanide		
<i>SM4500CN-CG, 20Ed</i>		
Cyanide-amenable to chlorination		
<i>SM4500F-C, 20Ed</i>		
Fluoride		
<i>SM4500H-B, 20Ed</i>		
Hydrogen Ion (pH)		
<i>SM4500NH3-C, 20Ed</i>		
Ammonia	Total Kjeldahl Nitrogen	
<i>SM4500O-C, 20Ed</i>		
Oxygen - Dissolved		
<i>SM4500O-G, 20Ed</i>		
Oxygen - Dissolved		
<i>SM4500P-E, 20Ed</i>		
Orthophosphate (as P)	Phosphorus	
<i>SM4500S-D, 20Ed</i>		
Sulfide		
<i>SM4500S-F, 20Ed</i>		
Sulfide		
<i>SM5210B, 20Ed</i>		
Biochemical Oxygen Demand (BOD)		
<i>USEPA1664RA</i>		
Oil and Grease		
<i>USEPA200.7R4.4</i>		
Aluminum	Antimony	Arsenic
Barium	Beryllium	Boron
Cadmium	Calcium	Chromium
Cobalt	Copper	Hardness (calc.)
Iron	Lead	Magnesium
Manganese	Molybdenum	Nickel
Potassium	Selenium	Silver
Sodium	Thallium	Tin
Titanium	Vanadium	Zinc

**State of Illinois  
Environmental Protection Agency**

Certificate No.:

002232

**Awards the Certificate of Approval**

Scientific Control Laboratory, Inc.  
3158 South Kolin Avenue  
Chicago, IL 60623-4831

---

**Wastewater, Inorganic**

USEPA218.6R3.3

Chromium VI

USEPA245.1R3.0

Mercury

USEPA300.0R2.1

Chloride

Fluoride

Nitrate

Nitrate-Nitrite (sum)

Orthophosphate (as P)

Sulfate

USEPA335.4R1.0

Cyanide

USEPA410.1

Chemical Oxygen Demand (COD)

USEPA410.2

Chemical Oxygen Demand (COD)

USEPA410.4R2.0

Chemical Oxygen Demand (COD)

USEPA420.1

Phenolics