



**Minnesota Department of Health
Environmental Laboratory Accreditation Program**

Issues accreditation to

State Laboratory ID: 055-999-151

EPA Lab Code: WI00033

**Davy Laboratories
115 6th Street S
La Crosse, WI 54601**



for fields of accreditation listed on the laboratory's accompanying Scope of Certification
in accordance with the provisions in Minnesota Laws and Rules.

Continued accreditation is contingent upon successful on-going compliance with Minnesota Statutes 144.97 to 144.98, 2009 TNI Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices for which MDH issues this accreditation.

This certificate is valid proof of accreditation only when associated with its accompanying Scope of Certification.

The Scope of Certification and reports of on-site assessments are on file at the Minnesota Department of Health, 601 Robert Street North, Saint Paul, Minnesota. Customers may verify the laboratory's accreditation status in Minnesota by contacting MNELAP at (651) 201-5324.

Effective Date: 12/18/2018

Expires: 12/31/2019

Certificate Number: 1525682

Issued under the authority
delegated by the
Commissioner of Health,
State of Minnesota



Environmental Laboratory Accreditation Program
Scope of Certification

THIS LISTING OF FIELDS OF ACCREDITATION MUST BE ACCOMPANIED BY CERTIFICATE NUMBER: 1525682

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Davy Laboratories
115 6th Street S
La Crosse, WI 54601

Clean Water Program

ASTM D516-07

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, ASTM D516-07, Sulfate, NPW, MN

ASTM D516-11

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, ASTM D516-11, Sulfate, NPW, MN

ASTM D516-90

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, ASTM D516-90, Sulfate, NPW, MN

EPA 160.4

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 160.4	Residue-volatile	NPW	MN	

EPA 1664B

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 1664B	Oil & Grease	NPW	MN	

EPA 351.2

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 351.2	Kjeldahl nitrogen - total	NPW	MN	

EPA 353.2

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 353.2	Nitrate-nitrite	NPW	MN	

EPA 365.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 365.1	Orthophosphate as P	NPW	MN	
CWP	EPA 365.1	Total Phosphorus	NPW	MN	

EPA 365.3

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 365.3	Total Phosphorus	NPW	MN	

EPA 420.1

Preparation Techniques: Distillation, macro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 420.1	Total Phenolics	NPW	MN	

Hach 8000

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	Hach 8000	Chemical oxygen demand	NPW	MN	

SM 2320 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2320 B-2011	Alkalinity as CaCO ₃	NPW	MN	

SM 2340 C-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2340 C-2011	Total hardness as CaCO ₃	NPW	MN	

SM 2510 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2510 B-2011	Conductivity	NPW	MN	

SM 2540 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2540 B-2011	Residue-total	NPW	MN	

SM 2540 C-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2540 C-2011	Residue-filterable (TDS)	NPW	MN	

SM 4500-Cl⁻ B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-Cl ⁻ B-2011	Chloride	NPW	MN	

SM 4500-Cl⁻ E-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-Cl ⁻ E-2011	Chloride	NPW	MN	

SM 4500-CN⁻ E-2011

Preparation Techniques: Distillation, MIDI;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-CN ⁻ E-2011	Total Cyanide	NPW	MN	

SM 4500-H⁺ B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-H+ B-2011	pH	NPW	MN	

SM 4500-NH3 D-2011

Preparation Techniques: Distillation, micro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-NH3 D-2011	Ammonia as N	NPW	MN	

SM 4500-NO2⁻ B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-NO2 ⁻ B-2011	Nitrite as N	NPW	MN	

SM 4500-NO3⁻ F-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-NO3 ⁻ F-2011	Nitrate-nitrite	NPW	MN	

SM 4500-NO3⁻ F-2011 minus SM 4500-NO2⁻ B-2011 (calc)

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-NO3 ⁻ F-2011 minus SM 4500-NO2 ⁻ B- 2011 (calc)	Nitrate as N	NPW	MN	

SM 4500-P E-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-P E-2011	Orthophosphate as P	NPW	MN	

SM 5210 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 5210 B-2011	Biochemical oxygen demand	NPW	MN	
CWP	SM 5210 B-2011	Carbonaceous BOD, CBOD	NPW	MN	

SM 5220 D-2011

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 5220 D-2011	Chemical oxygen demand	NPW	MN	

USGS I-3765-85

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	USGS I-3765-85	Residue-nonfilterable (TSS)	NPW	MN	

EPA 200.7

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 200.7	Aluminum	NPW	MN	
CWP	EPA 200.7	Antimony	NPW	MN	
CWP	EPA 200.7	Arsenic	NPW	MN	
CWP	EPA 200.7	Barium	NPW	MN	
CWP	EPA 200.7	Beryllium	NPW	MN	
CWP	EPA 200.7	Boron	NPW	MN	
CWP	EPA 200.7	Cadmium	NPW	MN	
CWP	EPA 200.7	Calcium	NPW	MN	
CWP	EPA 200.7	Chromium	NPW	MN	
CWP	EPA 200.7	Copper	NPW	MN	
CWP	EPA 200.7	Iron	NPW	MN	
CWP	EPA 200.7	Lead	NPW	MN	

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 200.7	Magnesium	NPW	MN	
CWP	EPA 200.7	Manganese	NPW	MN	
CWP	EPA 200.7	Molybdenum	NPW	MN	
CWP	EPA 200.7	Nickel	NPW	MN	
CWP	EPA 200.7	Potassium	NPW	MN	
CWP	EPA 200.7	Selenium	NPW	MN	
CWP	EPA 200.7	Silver	NPW	MN	
CWP	EPA 200.7	Sodium	NPW	MN	
CWP	EPA 200.7	Thallium	NPW	MN	
CWP	EPA 200.7	Tin	NPW	MN	
CWP	EPA 200.7	Vanadium	NPW	MN	
CWP	EPA 200.7	Zinc	NPW	MN	

EPA 245.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 245.1	Mercury	NPW	MN	

SM 3111 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 3111 B-2011	Calcium	NPW	MN	
CWP	SM 3111 B-2011	Iron	NPW	MN	
CWP	SM 3111 B-2011	Magnesium	NPW	MN	
CWP	SM 3111 B-2011	Manganese	NPW	MN	
CWP	SM 3111 B-2011	Potassium	NPW	MN	
CWP	SM 3111 B-2011	Sodium	NPW	MN	
CWP	SM 3111 B-2011	Zinc	NPW	MN	

SM 3113 B-2010

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 3113 B-2010	Antimony	NPW	MN	
CWP	SM 3113 B-2010	Arsenic	NPW	MN	
CWP	SM 3113 B-2010	Beryllium	NPW	MN	
CWP	SM 3113 B-2010	Cadmium	NPW	MN	
CWP	SM 3113 B-2010	Chromium	NPW	MN	
CWP	SM 3113 B-2010	Copper	NPW	MN	
CWP	SM 3113 B-2010	Lead	NPW	MN	
CWP	SM 3113 B-2010	Molybdenum	NPW	MN	
CWP	SM 3113 B-2010	Nickel	NPW	MN	
CWP	SM 3113 B-2010	Selenium	NPW	MN	
CWP	SM 3113 B-2010	Silver	NPW	MN	
CWP	SM 3113 B-2010	Tin	NPW	MN	

SM 3500-Ca B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 3500-Ca B-2011	Calcium	NPW	MN	

SM 3500-Cr B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 3500-Cr B-2011	Chromium VI	NPW	MN	

Colilert®-18 (Fecal Coliforms)

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	Colilert®-18 (Fecal Coliforms)	Fecal coliforms	NPW	MN	

SM 9222 D (m-FC)-2006

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 9222 D (m-FC)-2006	Fecal coliforms	NPW	MN	

SM 9223 B (Colilert® Quanti-Tray®)-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 9223 B (Colilert® Quanti-Tray®)-97	Escherichia coli	NPW	MN	

SM 9223 B-2004

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 9223 B-2004	Escherichia coli	NPW	MN	

Resource Conservation Recovery Program

EPA 6010D (Rev 2014)

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 6010D (Rev 2014)	Arsenic	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Cadmium	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Chromium	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Copper	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Lead	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Molybdenum	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Nickel	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Potassium	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Selenium	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Silver	SCM	MN	
RCRP	EPA 6010D (Rev 2014)	Zinc	SCM	MN	

EPA 7471B

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 7471B	Mercury	SCM	MN	

Safe Drinking Water Program**SM 9223 B (Colilert®)-97**

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 9223 B (Colilert®)-97	Escherichia coli	DW	MN	
SDWP	SM 9223 B (Colilert®)-97	Total coliforms	DW	MN	

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.