

The NELAC-Institute  
Laboratory Accreditation Maintenance System

TNI LAMS

User Manual

Revision 3.0

## Table of Contents

Overview.....	3
Scope.....	3
Introduction .....	3
User Interface .....	3
General User Instructions (things you can do without logging in).....	4
TNI LAMS Top Banner .....	4
Search .....	6
Left Navigation Panel .....	13
PROGRAMS .....	13
Accreditation Bodies .....	13
TNI CODES.....	14
Analytes .....	14
Methods.....	16
Matrices .....	18
Technologies .....	19
TNI WEBSITE LINKS .....	19
Home Page .....	19
Request Method Code .....	19
Request Analyte Code.....	20

## **Overview**

### **Scope**

This document describes the use of The NELAC-Institute Laboratory Accreditation Management System (TNI LAMS) by Accreditation Bodies (ABs) and general users. It is not intended to fully document the database structure or web application.

### **Introduction**

TNI LAMS provides a system for tracking environmental laboratory contact information, accreditation status, AB Fields of Recognition (Matrix-Technology combinations) and AB contact information. It also provides data to assist with secondary recognition by Accreditation Bodies (ABs) and provide easily accessible data repository using web-based technology for global access by all stakeholders. The system is also provides a central location for method codes, analyte codes, and technology codes.

TNI standards define both primary and secondary ABs. The Primary AB is the AB that actually performs a laboratory onsite assessment and grants accreditation in accordance with the applicable standards. A Secondary AB is an Accreditation Body that grants approval to an organization based on accreditation by its Primary Accreditation Body. This approval is known as reciprocity and is granted on an organization by organization basis. The standards define duties and responsibilities of both Primary and Secondary ABs in implementing reciprocity. Primary ABs use the TNI database to record any changes in the accreditation status of a laboratory. Secondary ABs will base their reciprocal accreditation on the Primary Accreditation. The primary AB retains responsibility for ensuring that the laboratory complies with applicable standards. Because not all ABs offer the same Fields of Accreditation, it is possible for an organization to have multiple Primary ABs. It is common for organizations to have multiple Secondary ABs.

Accreditation is granted for matrix-method-analyte combinations. The national database tracks both the primary and secondary Accreditation Bodies that awarded the accreditation for each matrix-method-analyte along with the effective date of the accreditation status. Dates are needed in order to track the change in accreditation status and provide subsequent notification of any Secondary AB that has accredited that laboratory.

## **User Interface**

The national database application is Web-enabled, and all access is provided through a current version Web browser installed on the user's workstation. No additional client software is required. This choice yields maximum ease of use because most users should be familiar with using a browser and navigating through pages via links, browser buttons, etc. Queries, data drill down, and preformatted reports are provided.

## General User Instructions (things you can do without logging in)

Open browser and enter <http://nelac-institute.org/lams> in the address line. You should see the following screen:

**TNI LAMS**  
National Environmental Laboratory Accreditation Management System

| [home](#) | [contact](#) | [TNI website](#) |

[Home](#) | [Search](#) | [Help](#) | [AB Login](#)

**WELCOME TO THE NELAC INSTITUTE'S NATIONAL ENVIRONMENTAL LABORATORY ACCREDITATION MANAGEMENT SYSTEM**

TNI LAMS is a central repository for information regarding the accreditation status of environmental laboratories.

TNI Accreditation Bodies are in the process of migrating accreditation data to this database. Currently it contains complete listings for LA, OR, MN, NH, NJ, TX, VA, UT, and partial for FL. Other ABs are expected soon.

To begin, click the Search button below. On the next page, you will be able to choose from a variety of ways to locate laboratories.

**Search**

Please use the "contact" option at top-right to be directed to a form on which you can ask questions about database use, the data, or to offer suggestions for making the application more useful.

Disclaimer: All information obtained through TNI LAMS is accurate to the best of our knowledge. The quality and accuracy of the data is the responsibility of the appropriate Accreditation Body.

You can also get to LAMS from the TNI home page.

### TNI LAMS Top Banner

This blue banner with the TNI logo in green appears on each page. Across the top of each page are three links:

**Home** always brings you back to this home screen.

**TNI Website** takes you to the TNI home page.

**Contact** will bring you to the TNI LAMS Contact form. This form can be used to make comments or suggestions about LAMS or ask questions about data or information found in the database. Note that this form is to be used only for LAMS and not for questions about any other part of TNI or the TNI webpage.

**TNI LAMS**  
National Environmental Laboratory  
Accreditation Management System

| home | contact | TNI website |

Home | Search | Help | AB Login

**TNI LAMS Contact Form**

Please use this form to contact TNI regarding LAMS issues only. For all other inquiries, please visit the main TNI contact page at <http://nelac-institute.org/contact.php>.

**Name \***

First Last

**Email \***

**Phone**

### - ### - ####

**Organization \***

**Your message: \***

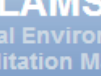


At the bottom of the banner there are another three links:

**Home** takes you back to the original LAMS home page

**Search** allows the user to search accredited laboratories. This is the same function as the large blue search button found on the home page. The use is explained in a later section.

**Help** brings up a short reference page explaining the tables in the left navigation pane.

## Search

 <b>TNI LAMS</b> National Environmental Laboratory Accreditation Management System		<a href="#">home</a>   <a href="#">contact</a>   <a href="#">TNI website</a>
		
<a href="#">Home</a>   <a href="#">Search</a>   <a href="#">Help</a>		<a href="#">AB Login</a>
<hr/>		
<p><b>WELCOME TO THE NELAC INSTITUTE'S NATIONAL ENVIRONMENTAL LABORATORY ACCREDITATION MANAGEMENT SYSTEM</b></p>		
<hr/>		
<p>TNI LAMS is a central repository for information regarding the accreditation status of environmental laboratories.</p>		
<p>TNI Accreditation Bodies are in the process of migrating accreditation data to this database. Currently it contains complete listings for LA, OR, MN, NH, NJ, TX, VA, UT, and partial for FL. Other ABs are expected soon.</p>		
<p>To begin, click the Search button below. On the next page, you will be able to choose from a variety of ways to locate laboratories.</p>		
<div style="text-align: center;">  </div>		
<p>Please use the "contact" option at top-right to be directed to a form on which you can ask questions about database use, the data, or to offer suggestions for making the application more useful.</p>		
<p>Disclaimer: All information obtained through TNI LAMS is accurate to the best of our knowledge. The quality and accuracy of the data is the responsibility of the appropriate Accreditation Body.</p>		

Selecting the big blue "Search" button on the home page or selecting "search" from the menu bar takes you to a page that allows you to search for a lab using a variety of filters.

**TNI LAMS**  
National Environmental Laboratory  
Accreditation Management System

| home | contact | TNI website |

Home | Search | Help | AB Login

**SEARCH**

Lab Name

TNI Lab Code

Lab Location State

Accreditation Body

Accept Commercial Samples

Is Active

Matrix

Method

Method Revision


Analyte

LAMS only allows a single filter in the upper section of the search. You can enter any part of the Lab Name or TNI Lab Code but not any of the other filters. If the lab name and TNI Lab Code are left blank, you may drop down the state in which the lab is located, and/or select whether the lab Accepts Commercial Samples and/or whether the lab is Active/Not Active/All. These filters work on the entire list of labs regardless of whether or not accreditations are listed.

Dropping down and selecting a specific AB will limit the search to those labs holding a current Field of Accreditation (FOA) from one of the Accreditation Bodies.

The lower section of the search allows you to further refine the search by entering any part of the matrix, method, method revision, and/or analyte. Multiple filters are allowed in this section. The button "Add Matrix/Method/Analyte Combination" will create another set of filters to further limit the search. You can add as many of these FOA search criteria as necessary.

11-21-16


[home](#) | [contact](#) | [TNI website](#)


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# TNI LAMS

National Environmental Laboratory  
Accreditation Management System

[Home](#) | 
 [Search](#) | 
 [Help](#) | 
 [AB Login](#)

  
  
**PROGRAMS**  
[Accreditation Bodies](#)  
  
**TNI CODES**  
[Analytes](#)  
[Methods](#)  
[Matrices](#)  
[Technologies](#)  
  
**TNI WEBSITE LINKS**  
[Home Page](#)  
[Request Method Code](#)  
[Request Analyte Code](#)

## SEARCH

Lab Name	<input type="text"/>
TNI Lab Code	<input type="text"/>
Lab Location State	<input type="text" value="▼"/>
Accreditation Body	<input type="text" value="▼"/>
Accept Commercial Samples	<input type="text" value="▼"/>
Is Active	<input type="text" value="▼"/>
<hr/>	
Matrix	<input type="text" value="▼"/>
Method	<input type="text" value="▼"/>
Method Revision	<input type="text" value="Select a Method"/>
Analyte	<input type="text" value="▼"/>
<hr/>	
Matrix	<input type="text" value="▼"/>
Method	<input type="text" value="▼"/>
Method Revision	<input type="text" value="Select a Method"/>
Analyte	<input type="text" value="▼"/>

Be sure to select “Search” at the bottom of the page to apply the filters.

You will be presented with a list of labs that meet the criteria. Leaving all search fields blank will bring up an entire list of active labs.



## TNI LAMS

National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#) |

[Home](#) | [Search](#) | [Help](#) |

[AB Login](#)

**PROGRAMS**

[Accreditation Bodies](#)

**TNI CODES**

[Analytes](#)

[Methods](#)

[Matrices](#)

[Technologies](#)

**TNI WEBSITE LINKS**

[Home Page](#)

[Request Method Code](#)

[Request Analyte Code](#)

### SEARCH RESULTS

Name	City	State	TNI Code
A & B Environmental Services, Inc.	Houston	Texas	TNI00025
Accurate Environmental Laboratories, LLC	Stillwater	Oklahoma	TNI01938
Accutest Gulf Coast Laboratories - Louisiana	Scott	Louisiana	TNI01404
Accutest Laboratories Southeast, Inc.	Orlando	Florida	TNI00247
Accutest Mountain States	Wheat Ridge	Colorado	TNI01950
ACZ Laboratories, Inc.	Steamboat Springs	Colorado	TNI01951
Advanced Analysis, Inc.	Lubbock	Texas	TNI00175
Advanced Analytical Laboratories, LLC	Whitehouse	Texas	TNI00143
Advanced Technology Laboratories	Signal Hill	California	TNI01202
Air Hygiene International, Inc.	Broken Arrow	Oklahoma	TNI02280
Air Technology Laboratories	City of Industry	California	TNI00258
Alamo Analytical Laboratories, Ltd.	San Antonio	Texas	TNI00144
Albion Environmental	Bryan	Texas	TNI00050
Alliance Source Testing	Decatur	Alabama	TNI02400
Alpha Analytical	Mansfield	Massachusetts	TNI00262
Alpha Analytical	Westborough	Massachusetts	TNI01316
ALS Environmental	Holland	Michigan	TNI02019
ALS Environmental (Burlington)	Burlington	Ontario	TNI01293
ALS Environmental - Jacksonville	Jacksonville	Florida	TNI00369
ALS Environmental - Simi Valley	Simi Valley	California	TNI01213
ALS Environmental, Kelso	Kelso	Washington	TNI00372
ALS Laboratory Group, Environmental Div ...	Cincinnati	Ohio	TNI01683
ALS Laboratory Group, Environmental Divi...	Fort Collins	Colorado	TNI00264
ALS Laboratory Group, Environmental Divi...	Salt Lake City	Utah	TNI01953
ALS Laboratory Group, Environmental Ser...	Houston	Texas	TNI00037
American Radiation Services	Port Allen	Louisiana	TNI00266
American Testing Technologies, Inc.	Akron	Ohio	TNI02164
American West Analytical Laboratories	Salt Lake City	Utah	TNI01955
Ana-Lab Corporation	Kilgore	Texas	TNI00014
AnalySys, Inc.	Austin	Texas	TNI00059

1 / 8 30 233 Record(s) Found


Note that as in all the tables, you can select the number of records to display by using the dropdown box at the bottom of the table.

Once you select a lab you will go to the lab information page where the lab demographics are located.

# TNI LAMS

National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#)



**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

## VIEW LAB

**Basic Details**

Name	ALS Environmental
Type of Lab	Not Specified
TNI Lab Code	TNI02019
EPA Code	MI00028
State ID	026-999-449
Website	

**Extended Details**


Primary AB responsible for lab demographics	Minnesota Dept of Health, Environmental Laboratory Accreditation Program
GIS Location	
Description	
Comments	
Effective Date	
Commercial Samples	Yes
Active	Yes

**Address 1**

Type	Location
Company	
Contact	Chad Stoike
Address 1	3352 128th Avenue
Address 2	
City	Holland
State	Michigan
Zip	49424-9263
Country	USA
Phone	(616) 399-8070
Fax	
Email	<a href="mailto:chad.stoike@alsglobal.com">chad.stoike@alsglobal.com</a>

Go to Fields of Accreditation

To view the Fields of Accreditation select “Go to Fields of Accreditation”. You will be presented with a complete view of all FOAs for the selected lab, including Primary and Secondary accreditations from all ABs.




**TNI LAMS**  
National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#)

[Home](#) | [Search](#) | [Help](#)

[AB Login](#)



THE NELAC INSTITUTE

**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

### LAB ACCREDITATIONS FOR ALS ENVIRONMENTAL

[Download FOAs \[CSV\]](#)

Matrix ▲	Method	Analyte	Status	AB
Non-Potable W...	EPA 8260B	1,2-Dibromoethane (EDB, Ethylene dibromi...	Accredited	MN
Non-Potable W...	EPA 824	cis-1,3-Dichloropropene	Accredited	MN
Non-Potable W...	EPA 8015D	Propylene Glycol	Accredited	MN
Non-Potable W...	SM 2540 D-1997	Residue-nonfilterable (TSS)	Accredited	MN
Non-Potable W...	EPA 825	bis(2-Chloroethoxy)methane	Accredited	MN
Non-Potable W...	EPA 200.7 4.4	Manganese	Accredited	MN
Non-Potable W...	SM 4500-CN <sup>-</sup> G-1997	Free Cyanide	Accredited	MN
Non-Potable W...	EPA 200.7 4.4	Antimony	Accredited	MN
Non-Potable W...	EPA 8270D SIM	Fluorene	Accredited	MN
Non-Potable W...	EPA 825	1,2,4-Trichlorobenzene	Accredited	MN
Non-Potable W...	EPA 8270C	Butyl benzyl phthalate	Accredited	MN
Non-Potable W...	EPA 8020A	Chromium	Accredited	MN
Non-Potable W...	EPA 824	Chloroform	Accredited	MN
Non-Potable W...	EPA 8151A	2,4-D	Accredited	MN
Non-Potable W...	EPA 8270D	n-Nitrosodiphenylamine	Accredited	MN
Non-Potable W...	EPA 608	Aroclor-1221 (PCB-1221)	Accredited	MN
Non-Potable W...	EPA 8270D	Dimethyl phthalate	Accredited	MN
Non-Potable W...	EPA 8270D	bis(2-Chloroethoxy)methane	Accredited	MN
Non-Potable W...	EPA 825	Chrysene	Accredited	MN
Non-Potable W...	EPA 200.7 4.4	Aluminum	Accredited	MN

1 / 92 20 1834 Record(s) Found

Each of the columns can be sorted just by clicking in the column header.

If you then select a particular FOA, you will be taken to the FOA information page containing information about that specific FOA including the dates it was first created and last updated. It also displays the effective date and the date the FOA will expire.


## TNI LAMS

National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#)

[Home](#) | [Search](#) | [Help](#)

[AB Login](#)



**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE  
LINKS**

Home Page

Request Method Code

Request Analyte Code

### SHOW LAB ACCREDITATION FOR ABSOLUTE RESOURCE ASSOCIATES LLC

Field of Accreditation		Updates	
Matrix	Drinking Water	October 31, 2016 06:37 AM	Record Created
Method	EPA 200.7 4.4	October 31, 2016 06:37 AM	Record Updated
Analyte	Aluminum	April 28, 2008	Record Effective
Status	Accredited	January 25, 2017	Record Expires

This can still be a rather arduous method of finding a particular FOA. An easier method is to select "Download FOAs (CSV)" found near the top of the table, as shown in the previous graphic. LAMS will produce a CSV file containing all FOAs for the selected lab, both primary and secondary, from all accrediting ABs.

The CSV file contains the following records:

- TNI Lab Code
- Matrix
- Method Code
- Analyte Code
- Method Reference Name
- Method Revision
- Analyte Name
- FOA Effective Date
- FOA Expiration Date
- FOA Status
- FOA Type (Primary, Secondary)
- Accreditation Body
- Date Record Last Updated

Once the file has been downloaded, it can be opened in Excel or Access and then sorted and filtered to meet the needs of the user.


## Left Navigation Panel

On the left side of each page under the TNI logo are links to important tales in LAMS. Each one is described below.

## PROGRAMS

### Accreditation Bodies

Selecting Accreditation Bodies takes you the table listing TNI recognized Accrediting Bodies. Then selecting a specific AB will take you to the AB information page. At the bottom of the page is a link “Go to Recognitions” which will bring up a page that describes the matrix/technology for which the AB grants accreditation.




**TNI LAMS**  
National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#)

[Home](#) | [Search](#) | [Help](#)

[AB Login](#)



THE NELAC INSTITUTE

**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

### ACCREDITATION BODY

Recognitions


Name	Description	A	DW	NPW	SC	T
ASC	Alpha Scintillation Cell Counter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS	Alpha Spectrometry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AMP	Amperometric Titration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ASV	Anodic Stripping Voltameter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CVAAS	Atomic Absorption - Cold Vapor Spectrometry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FAAS	Atomic Absorption - Flame Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GFAAS	Atomic Absorption - Graphite Furnace Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HGAAS	Atomic Absorption - Hydride Generation Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DCP-AES	Atomic Emission - Direct Current Plasma Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FAES	Atomic Emission - Flame Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ICP-AES	Atomic Emission - Inductively Coupled Plasma Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CVAFS	Atomic Fluorescence - Cold Vapor Spectrometer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AUTO	Auto Analyzer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BETA	Beta Spectrometry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BGCS	Beta/Gamma Coincidence Scintillation Counter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CALC	Calculation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CAL	Calorimetric (Temperature, Flash Point, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CE-UV	Capillary Electrophoresis - Ultraviolet/Visible Molecular Absorption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CF-QL	Chromofluorogenic - Qualitative	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## TNI CODES

### Analytes

Selecting “Analytes” brings up a copy of the analyte table where you can search by:

- Analyte Code
- Analyte name or part of a name
- CAS Number
- Type (Active [default], Inactive, or All):




**TNI LAMS**  
National Environmental Laboratory  
Accreditation Management System

[home](#) | [contact](#) | [TNI website](#)

[Home](#) | [Search](#) | [Help](#)

[AB Login](#)



**PROGRAMS**

[Accreditation Bodies](#)

**TNI CODES**

[Analytes](#)

[Methods](#)

[Matrices](#)

[Technologies](#)

**TNI WEBSITE LINKS**

[Home Page](#)

[Request Method Code](#)

[Request Analyte Code](#)

### ANALYTES

[Download Analytes \[CSV\]](#)

Code

Analyte

CAS Number

Type

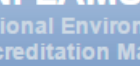

Code	Analyte	CAS Number	Type
1000	Aluminum	7429-90-5	Metals
1001	Actinium-227	14952-40-0	Radiochemistry
1004	Americium	7440-35-9	Metals
1005	Antimony	7440-38-0	Metals
1006	Antimony-125	14234-35-8	Radiochemistry
1010	Arsenic	7440-38-2	Metals
1012	Arsenic (III)		Metals
1013	Arsenic (V)		Metals
1015	Barium	7440-39-3	Metals
1020	Beryllium	7440-41-7	Metals
1021	Beryllium-7	13966-02-4	Radiochemistry
1023	Bismuth	7440-69-9	Metals
1024	Bismuth-207	13982-38-2	Radiochemistry
1025	Boron	7440-42-8	Metals
1030	Cadmium	7440-43-9	Metals
1034	Cerium	7440-45-1	Metals
1035	Calcium	7440-70-2	Metals
1037	Cesium	7440-46-2	Metals
1040	Chromium	7440-47-3	Metals
1045	Chromium (VI)	18540-29-9	Metals

1 / 162 20 3225 Record(s) Found

You can sort by any column by clicking the column header and you can select up to 100 records to display per page.

11-21-16

Selecting a specific analyte will take you to the analyte information page where you will find the date it was added to LAMS, last updated (changed), and last uploaded:

 <b>TNI LAMS</b> National Environmental Laboratory Accreditation Management System		<a href="#">home</a>   <a href="#">contact</a>   <a href="#">TNI website</a>																
<a href="#">Home</a>   <a href="#">Search</a>   <a href="#">Help</a>		<a href="#">AB Login</a>																
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;">  <p><b>PROGRAMS</b></p> <ul style="list-style-type: none"> <li>Accreditation Bodies</li> <li><b>TNI CODES</b> <ul style="list-style-type: none"> <li>Analytes</li> <li>Methods</li> <li>Matrices</li> <li>Technologies</li> </ul> </li> <li><b>TNI WEBSITE LINKS</b> <ul style="list-style-type: none"> <li>Home Page</li> <li>Request Method Code</li> <li>Request Analyte Code</li> </ul> </li> </ul> </div> <div style="width: 75%;"> <h3>VIEW ANALYTE</h3> <table border="1"> <tbody> <tr> <td>Code</td> <td>1000</td> </tr> <tr> <td>Analyte</td> <td>Aluminum</td> </tr> <tr> <td>CAS Number</td> <td>7429-90-5</td> </tr> <tr> <td>Type</td> <td>Metals</td> </tr> <tr> <td>Date Added to LAMS</td> <td>January 01, 2008</td> </tr> <tr> <td>Last Updated</td> <td>January 01, 2008</td> </tr> <tr> <td>Last Uploaded</td> <td>October 12, 2016</td> </tr> <tr> <td>Active</td> <td>Yes</td> </tr> </tbody> </table> </div> </div>			Code	1000	Analyte	Aluminum	CAS Number	7429-90-5	Type	Metals	Date Added to LAMS	January 01, 2008	Last Updated	January 01, 2008	Last Uploaded	October 12, 2016	Active	Yes
Code	1000																	
Analyte	Aluminum																	
CAS Number	7429-90-5																	
Type	Metals																	
Date Added to LAMS	January 01, 2008																	
Last Updated	January 01, 2008																	
Last Uploaded	October 12, 2016																	
Active	Yes																	

Selecting “Download Analytes (CSV)” from the top of the table, as shown on previous graphic, will generate and download a CSV file of the entire analyte table that can be filtered, sorted, and searched. The file contains the following fields:


- TNI Analyte Code
- Analyte Name
- CAS Number
- Analyte Type
- Date Created
- Date Updated
- Last Uploaded
- Active/Inactive



## Methods

Selecting “Methods” brings up a copy of the method table where you can search by:


- Method Code
- Reference
- Method Name
- Method Revision
- Approved for use under 40 CFR Part 136
- Approved for use under 40 CFR Part 141 and 143
- Contained in SW-846 Update III
- Contained in SW-846 Update IV
- Contained in SW-846 Update V
- Active (Default)/Inactive/All



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Home | Search | Help
AB Login



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**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

### METHODS

[Download Methods \(CSV\)](#)

Code

Reference

Name

Revision

Approved Part 136

Approved Part 141

SW-846 Update III

SW-846 Update IV

SW-846 Update V

Active

Filter
  Clear

Reference	Revision	Date	Name	Code
3M 76-6900-3715-1(85...		1994	Organochlorine Pesticides and PCBs in Wast...	60028004
3M0222 (EPA 608 ATP)		1995	Organochlorine Pesticides and PCBs in Wast...	60028059
40 CFR 141.131 (D)(4)		FR	Specific Ultraviolet Absorbance Calculation	10000154
40 CFR Part 50 Appen...		FR	Suspended Particulate Mater in Atmosphere ...	10000304
40 CFR Part 50 Appen...		FR	Lead in Suspended Particulate Matter	10000405
40 CFR Part 50 Appen...		FR	Particulate Matter as PM10 in the Atmosphere	10000507
40 CFR Part 50 Appen...		FR	Fine Particulate Matter as PM2.5 in the Atmo...	10000709
40 CFR Part 50 Appen...		FR	Coarse Particulate Matter as PM10-2.5 in the...	10000745
40 CFR Part 50 Appen...		FR	Lead in Particulate Matter as PM10	10000734
40 CFR Part 763 Sub ...		FR	Asbestos by TEM	10000778
Absolute SOP QA-801			Incremental Sampling for Soils	60000502
ADPFN SOP #8.5			ADPFN Labs - Atrazine, Metolachlor and Si	60001209



Selecting a specific method will take you to the method information page where you will also find the official method title, the analytic technology, the citation, and the method source. It also shows date it was added to LAMS, last updated (changed), and last uploaded:



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[Home](#) | [Search](#) | [Help](#) |

[AB Login](#)



**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

### SHOW METHOD

Code	10089008
Reference	EPA 524.2
Revision	4.0
Revision Date	1992
Name	Volatile Organic Compounds by purge and trap GC/MS
Title	Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry
Technology	GC-MS
Citation	
Method Source	
Method PDF	<a href="#">Click here to download</a>
Approved Part 136	
Approved Part 141	
SW-846 Update III	
SW-846 Update IV	
SW-846 Update V	
Date Added to LAMS	January 01, 2008
Last Updated	
Last Uploaded	October 28, 2016
Active	Yes

## Method Compendium

If a copy of the method has been archived, a link to the PDF will appear on this information page. Selecting “Click here to download” will download the PDF version of the method to your computer. LAMS maintains copies of active , inactive and legacy methods for reference and comparison. Methods are continually being added as they become available. Note that some methods are proprietary, and in that case the link will lead back to the source where the method can be obtained.

Selecting “Download Methods (CSV)” from the top of the table, as shown in previous graphic, will generate and download a CSV file of the entire method table that can be filtered, sorted, and searched. The file contains the following fields:

- TNI Method Code
- Method

11-21-16

- Method Revision
- Revision Date
- Method Short Name
- Technology
- Official Method Title
- Method Source
- Citation
- Approved for use under 40 CFR Part 136
- Approved for use under 40 CFR Part 141 and 143
- Contained in SW-846 Update III
- Contained in SW-846 Update III
- Contained in SW-846 Update III
- Date Created
- Date Updated
- Last Uploaded
- Active (Default)/Inactive/All

## Matrices

Selecting “Matrices” brings up a copy of the matrix table showing the TNI accreditation matrices and their code (mainly used by ABs)

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**PROGRAMS**  
[Accreditation Bodies](#)

**TNI CODES**  
[Analytes](#)  
[Methods](#)  
[Matrices](#)  
[Technologies](#)

**TNI WEBSITE LINKS**  
[Home Page](#)  
[Request Method Code](#)  
[Request Analyte Code](#)

**MATRICES**

Matrix	Code
Air	A
Drinking Water	DW
Non-Potable Water	NPW
Solids and Chemical	S
Tissue	BT


1

20

5 Record(s) Found

## Technologies


Selecting “Technologies” brings up a copy of the technology table showing the TNI accreditation technologies, their codes (mainly used in the method code table) and their scientific discipline.



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Home | Search | Help
AB Login



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**PROGRAMS**

Accreditation Bodies

**TNI CODES**

Analytes

Methods

Matrices

Technologies

**TNI WEBSITE LINKS**

Home Page

Request Method Code

Request Analyte Code

### TECHNOLOGIES

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Name

Description

Scientific Discipline

Name	Description	Scientific Discipline
ASC	Alpha Scintillation Cell Counter	Radiochemistry
AS	Alpha Spectrometry	Radiochemistry
AMP	Amperometric Titration	Inorganic Chemistry
ASV	Anodic Stripping Voltameter	Inorganic Chemistry
CVAAS	Atomic Absorption - Cold Vapor Spectrometry	Inorganic Chemistry
FAAS	Atomic Absorption - Flame Spectrometer	Inorganic Chemistry
GFAAS	Atomic Absorption - Graphite Furnace Spectrometer	Inorganic Chemistry
HGAAS	Atomic Absorption - Hydride Generation Spectrometer	Inorganic Chemistry
DCP-AES	Atomic Emission - Direct Current Plasma Spectrometer	Inorganic Chemistry
FAES	Atomic Emission - Flame Spectrometer	Inorganic Chemistry
ICP-AES	Atomic Emission - Inductively Coupled Plasma Spec...	Inorganic Chemistry
CVAFS	Atomic Fluorescence - Cold Vapor Spectrometer	Inorganic Chemistry
AUTO	Auto Analyzer	Inorganic Chemistry
BETA	Beta Spectrometry	Radiochemistry
BGCS	Beta/Gamma Coincidence Scintillation Counter	Radiochemistry
CALC	Calculation	Miscellaneous
CAL	Calorimetric (Temperature, Flash Point, etc)	Inorganic Chemistry
CE-UV	Capillary Electrophoresis - Ultraviolet/Visible Molecul...	Inorganic Chemistry
CF-QL	Chromofluorogenic - Qualitative	Microbiology
CF-QN	Chromofluorogenic - Quantitative	Microbiology

1 / 6 20 112 Record(s) Found

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### Home Page

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### Request Method Code

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### **Request Analyte Code**

Selecting “Request Analyte Code” brings up a form to request the addition of a new analyte to the analyte table and creation of a TNI Analyte Code. Be sure to check the analyte table carefully before requesting addition of a new method.