



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Black Labs LLC**  
**dba American Analytical**  
9030 S. Rita Rd., Suite 320  
Tucson, AZ 85747

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 28 February 2027

Certificate Number: AT-3321



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**Black Labs LLC  
dba American Analytical**

9030 S. Rita Rd., Suite 320  
Tucson, AZ 85747

Dr. Glenn Cherry  
[mgmt@aatls.com](mailto:mgmt@aatls.com)

**TESTING**

ISO/IEC 17025 Accreditation Granted: **25 February 2025**

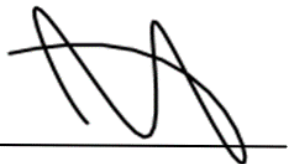
Certificate Number: **AT-3321**      Certificate Expiry Date: **February 28, 2027**

**Environmental**

Specific Tests and/or Properties Measured	Range (Where Appropriate) & Detection Limit	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Coliform E.coli	Presence/Absence	Internal SOPs: SOP-BL1-017 SOP-AA1-040 SM 9223b	Water, Critical Water, High Purity Water Type 1,2,3	Colitag (ONPG-MUG)
	D.L = 1 MPN/100mL			Idexx Colilert
Fecal Coliform	D.L = 1 MPN/100mL	SOP-AA1-040 SM 9223b	Wastewater, Recreational Water	Idexx Colilert-18
Legionella	D.L.= 0.01 CFU/mL D.L.= 1CFU/100mL	SOP-BL1-019 Based on CDC Elite, ISO 11731:2017: ANSI/ASHRAE 188:2021	Water	CDC Elite Culture
	Potable Water D.L. = 1CFU/100mL Non-Potable Water D.L. = 1CFU/mL	SOP-BL1-035 ASTM D8429-21		Idexx Legiolert
Heterotrophic Plate Count	Up to 300,000 CFU/mL	Internal SOP: SOP-BL1-028 Based on ANSI/AAMI ST72:2019: 13959:2014	Water, Critical Water, High Purity Water Type 1,2,3	Pour Plate – SM 9215b

**Environmental**

Specific Tests and/or Properties Measured	Range (Where Appropriate) & Detection Limit	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Aerobic Plate Count (APC)	1 CFU/mL	Internal SOP: SOP-AA1-023 AOAC OMA 2015.13	Environmental Swabs, Personal Care Products	Petrifilm® Rapid Aerobic Count Plates w/ Neutralizing Broth
Heavy Metals: <ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Antimony</li> <li>• Arsenic</li> <li>• Barium</li> <li>• Beryllium</li> <li>• Cadmium</li> <li>• Chromium, Total</li> <li>• Copper</li> <li>• Iron</li> <li>• Lead</li> <li>• Magnesium</li> <li>• Manganese</li> <li>• Mercury</li> <li>• Molybdenum</li> <li>• Nickel</li> <li>• Selenium</li> <li>• Silver</li> <li>• Thallium</li> <li>• Vanadium</li> <li>• Zinc</li> </ul>	D.L.= 1.144ug/L D.L.= 0.142ug/L D.L.= 0.241ug/L D.L.= 0.316ug/L D.L.= 0.304ug/L D.L.= 0.105ug/L D.L.= 0.133ug/L D.L.= 0.074ug/L D.L.= .381 ug/L D.L.= 0.031ug/L D.L.= 2.789 ug/L D.L.= 0.255ug/L D.L.= 0.347ug/L D.L.= 0.079ug/L D.L.= 0.098ug/L D.L.= 13.118ug/L D.L.= 0.077ug/L D.L.= 0.135ug/L D.L.= 0.202ug/L D.L.= 0.330ug/L	Internal SOP: SOP-BL1-018 Based on EPA 200.8 & ANSI/AAMI ST72:2019: ST108:2023: 13959:2014	Water, Critical Water, High Purity Water Type 1,2,3	ICP-MS



Jason Stine, Vice President