



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

N.N. Analytics
10064 Mesa Ridge Ct., Suite #208
San Diego, California 92121

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.

A handwritten signature in black ink, appearing to read 'R.D.L.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 05 August 2022
Certificate Number: AT-2895



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

N.N. Analytics

10064 Mesa Ridge Ct., Suite #208
San Diego, California 92121
Mike Khalil, Quality Manager
(858) 216-2044

TESTING

Valid to: **August 5, 2022**

Certificate Number: **AT-2895**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
1,3-butadiene	WKI-03-0012	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL)	WKI-03-0006	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Acetaldehyde	WKI-03-0011	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Acetone	WKI-03-0011	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Acetoin	WKI-03-0004	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Acetyl propionyl (2,3-pentanedione)	WKI-03-0004	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Acrolein	WKI-03-0011	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Anabasine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Anatabine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Benzene	WKI-03-0012	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Cotinine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Crotonaldehyde	WKI-03-0011	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Diacetyl (2,3-butanedione)	WKI-03-0004	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Diethylene glycol	WKI-03-0014	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Ethylene glycol	WKI-03-0014	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Formaldehyde	WKI-03-0011	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Isoprene	WKI-03-0012	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Myosmine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
N-nitrosoanabasine (NAB)	WKI-03-0006	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
N-nitrosornicotine (NNN)	WKI-03-0006	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
N-Nitrosornicotine ketone (NNK)	WKI-03-0006	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
N'-nitrosoanatabine (NAT)	WKI-03-0006	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Nicotine	WKI-03-0008 (ISO20714)	E-liquid; collected aerosol	GC/FID/ Iron Lung for collected aerosol
Nicotine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Nicotine	WKI-03-0004	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Nornicotine	WKI-03-0007	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Propylene glycol	WKI-03-0008 (ISO20714)	E-liquid; collected aerosol	GC/FID/ Iron Lung for collected aerosol
Toluene	WKI-03-0012	E-liquid; collected aerosol	GC-MS /Iron Lung for collected aerosol
Vegetable glycerin (glycerol)	WKI-03-0008 (ISO20714)	E-liquid; collected aerosol	GC-FID/Iron Lung for collected aerosol
pH	SOP-02-0028	E-liquid	pH Meter
Denisty	SOP-02-0038	E-Liquid	Density Meter
Liquid Dilution	WKI-03-0010	E-Liquid	Analytical Balance & Pipette
Emissions Collection	WKI-03-0001 (ISO20768)	E-liquid; collected aerosol	Iron Lung

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2895.



R. Douglas Leonard Jr., VP, PILR SBU

