



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

United States Pharmacopeial Convention

12601 Twinbrook Parkway
Rockville, MD 20852
(and satellite site as listed on the scope)

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 be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 14 December 2027

Certificate Number: AT-1155



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

United States Pharmacopeial Convention

12601 Twinbrook Parkway, Rockville, MD 20852

Alice Tira Phone: 301-230-3246

AMT@usp.org www.usp.org

TESTING

Valid to: **December 14, 2027**

Certificate Number: **AT-1155**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Spectroscopic Identification Tests	USP – 197	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	IR and UV
Residue on Ignition	USP – 281	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Gravimetric
Organic Volatile Impurities / Residual Solvents Limits	USP – 467	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	GC
Titrimetry	USP – 541	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Titrimetry
Chromatography	USP – 621	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	HPLC, GC, TLC

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dissolution	USP – 711	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Dissolution
Loss on Drying	USP – 731	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Gravimetric
Mass Spectrometry	USP – 736	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Mass Spectrometry
Thermal Analysis	USP – 891	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Thermogravimetric Analyzer
Water Determination (Karl Fischer)	USP – 921	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Karl Fischer

Services performed at Satellite Location

7135 English Muffin Way, Frederick, MD 21704

Alice Tira Phone: 301-230-3246

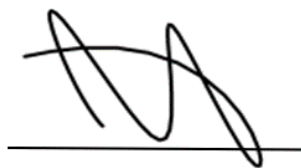
AMT@usp.org www.usp.org

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Spectroscopic Identification Tests	USP – 197	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	IR
Chromatography	USP – 621	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	HPLC
Water Determination (Karl Fischer)	USP – 921	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Karl Fischer
Loss on Drying	USP – 731	Reference Material, Analytical Reference Materials (ARMs) /External Pharmaceuticals, and Nutraceutical Products	Gravimetric

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1155.
2. Reference Materials referenced in the “Items, Materials or Products Tested” Column represents a highly diverse group of organic and pharmaceutical preparations. They may be in the form of powders, gels, aerosols, liquids or creams, among other sample types. See the current USP-NF for more detailed descriptions.



Jason Stine, Vice President