

Customer:
Vox Nutrition
8224 Industry Circle
West Jordan, UT 84088

EA Sample ID: 25EA1215-005
Sample Name: 13066 - Ashwagandha
Sample Type: Powder
Batch/Lot: ASH251205

Date Received:
12/16/2025
Date Completed:
12/21/2025

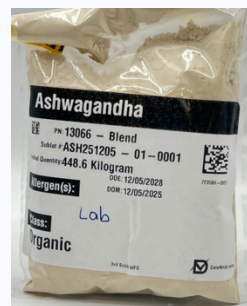


ETHOS
ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

Analysis Type	Method	Date Tested	Status
Fingerprinting Profile ID	HPLC	12/21/2025	Complete
Heavy Metals	ICP-MS	12/19/2025	Pass
Microbiological	Petrifilm/qPCR	12/20/2025	Pass



Serving Size: N/A

Botanical Identification per USP <2250>

Analyte	Result	Specification
Ashwagandha	ID Confirmed - Test sample has characteristics of the standard	ID (Presence)

Identification (ID) Test – Ashwagandha

Method: HPLC Fingerprinting Profile

Positive identification per USP <2250> of *Withania somnifera* by HPLC-VWD (230 nm) through chromatographic fingerprint comparison with a certified reference material (CRM).

The chromatographic pattern demonstrated characteristic withanolides, including withaferin A, withanolide A, and related steroidal lactones, consistent with authenticated *Withania somnifera* reference material and published chromatographic fingerprints.

Retention time and relative peak-area ratios matched within acceptable deviation, confirming a positive botanical identification of Ashwagandha (*Withania somnifera*).

NOTES:

LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION



Ethos Analytics Laboratory
3020 E Camelback Rd STE 397
Phoenix, AZ 85016
Info@Ethosanalytics.io
www.Ethosanalytics.io
Lic #: 000026LRCND60176649
ISO/IEC 17025 Acc #: 117798

Noel Samsum
Laboratory Director
21-Dec-2025

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:
Vox Nutrition
8224 Industry Circle
West Jordan, UT 84088

EA Sample ID: 25EA1215-005
Sample Name: 13066 - Ashwagandha
Sample Type: Powder
Batch/Lot: ASH251205

Date Received:
12/16/2025
Date Completed:
12/21/2025



ETHOS
ANALYTICS

CERTIFICATE OF ANALYSIS

Heavy Metal Analysis (USP <233>)

<u>Analyte</u>	<u>Result (ppm)</u>	<u>LOQ (ppm)</u>	<u>LOD (ppm)</u>	<u>Limit (mcg/day)</u>	<u>Pass/Fail</u>
Arsenic	0.060	0.010	0.005	15	Pass
Cadmium	0.039	0.010	0.005	5	Pass
Lead	0.176	0.010	0.005	5	Pass
Mercury	<LOQ	0.010	0.005	15	Pass

Microbiological Analysis (USP <2021>, USP <2022>)

<u>Microbe</u>	<u>Result</u>	<u>Limit</u>	<u>Pass/Fail</u>
Total Aerobic Plate	<2,000 CFU/g	<100,000 CFU/g	Pass
Coliform	<20 CFU/g	<100 CFU/g	Pass
Yeast	<20 CFU/g	<1,000 CFU/g	Pass
Mold	<20 CFU/g	<1,000 CFU/g	Pass
Escherichia Coli	Negative/10g	Negative/10g	Pass
Salmonella	Negative/10g	Negative/10g	Pass
Staphylococcus Aureus	Negative/10g	Negative/10g	Pass

NOTES:

CFU = Colony Forming Unit
NS = Not Specified
NT = Not Tested

LOQ = Limit of Quantification
LOD = Limit of Detection



Ethos Analytics Laboratory
3020 E Camelback Rd STE 397
Phoenix, AZ 85016
Info@Ethosanalytics.io
www.Ethosanalytics.io
Lic #: 000026LRCND60176649
ISO/IEC 17025 Acc #: 117798

Noel Samsum
Laboratory Director
21-Dec-2025

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.