

NSF Evaluation Report



Result Information

Overall Status: PASS

Result Version#: 00000210-B0CT3TFJZY-1

Results generated on: 2024-07-18

Order #: 00000210

Product Information

ASIN: B0CT3TFJZY

Product Name: Berberine Cinnamon

TRF: TR171xxxx 17865213

Seller Partner Name: HERBPY

The following results pertain only to the specified ASIN as manufactured at the locations specified. If the ASIN is made at other locations, a separate order must be submitted for evaluation.

Result Summary

Result/Status	Requirement
✓ PASS	GMP Certificate/s
✓ PASS	Label Review
✓ PASS	Content Claims Testing
✓ PASS	Contaminants Testing
✓ PASS	Active Pharmaceutical Ingredient or Pathogen

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Client Sample Summary

Lab Sample ID	Client Sample Description	Sample Type	Date Received	Date Sampled	Receiving Facility
AZN-945-1	Berberine Cinnamon	Capsule	6-25-2024	N/A	NSF US AA

Facility Locations

NSF US AA

NSF International Headquarters
789 N. Dixboro Road Ann Arbor MI 48105 USA

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Checklist - Sample Receipt Checklist for Amazon

Sampling Submission Requirements	Laboratory Sample ID
Was a sampling form included with the samples?	AZN-945-1
Was the sampling form completed?	Yes
Was the package received in acceptable condition?	Yes
Was sufficient product volume received?	Yes
Lot number of received product	HP/BECC/0624
Expiration date of received product	6/30/2026

AZN-945-1: Berberine Cinnamon

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Laboratory Sample Testing Summary

Laboratory Sample ID	Analysis ID	Testing Location
AZN-945-1	M4097 DS Yeast and Mold BEXT	NSF US AA
AZN-945-1	M4098 DS Total Aerobic BEXT	NSF US AA
AZN-945-1	M4337 DS <i>E. coli</i>	NSF US AA
AZN-945-1	M4338 DS <i>Enterococcus</i> BEXT	NSF US AA
AZN-945-1	M4340 DS <i>S. aureus</i>	NSF US AA
AZN-945-1	M4341 DS <i>Salmonella</i>	NSF US AA
AZN-945-1	C0446 DS Metals ICPMS (Prepped By: C0308 Metals Prep)	NSF US AA
AZN-945-1	C1032 DS Summary Analysis	NSF US AA
AZN-945-1	C1575 DS Adulterants LCHRMS (Prepped By: C1575 DS ADLT PRP)	NSF US AA
AZN-945-1	C1197 DS Berberine Chlor HPLC (Prepped By: C1197 BERCHL PRP)	NSF US AA

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Testing Protocol Summary

Analysis ID	Method Reference	Method Description	Accreditation
C0308 Metals Prep	NSF SOP 3140	Microwave digestions For Dietary supplements	*
C0446 DS Metals ICPMS	NSF SOP 3139	Determination of Heavy Metals in Dietary and Herbal Supplements by ICPMS	*
C1032 DS Summary Analysis	NSF SOP 6807	Tablet Weight Determination and Dietary Supplement Summary Test Code Data Entry	*
C1197 BERCHL PRP	NSF SOP 31078	Analysis of Nutrients and Metabolites in Dietary Supplements by HPLC with UV Detection	*
C1197 DS Berberine Chlor HPLC	NSF SOP 31078	Analysis of Nutrients and Metabolites in Dietary Supplements by HPLC with UV Detection	*
C1575 DS Adulterants LCHRMS	NSF SOP 31055	Analysis of Adulterants in Dietary Supplements and Functional Foods by LCMS	*
C1575 DS ADLT PRP	NSF SOP 31055	Analysis of Adulterants in Dietary Supplements and Functional Foods by LCMS	*
M4097 DS Yeast and Mold BEXT	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*
M4098 DS Total Aerobic BEXT	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*
M4337 DS <i>E. coli</i>	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*
M4338 DS <i>Enterococcus</i> BEXT	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*
M4340 DS <i>S. aureus</i>	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*
M4341 DS <i>Salmonella</i>	NSF SOP 29685	Dietary Supplement Microbial Testing via the Soteris System	*

Accreditation List

The following are accreditation(s) held by the laboratory which pertain to the results contained within this report. This is not an inclusive list of all accreditations held.

* - NSF is an ISO17025 accredited laboratory and all work is performed following the NSF Quality Management System which supports that accreditation. A list of methods which are specifically covered under the lab accreditations is available separately. Subcontracted tests are performed by an approved NSF Subcontract laboratory.

Sample Results

Berberine Cinnamon

Lab Sample ID: AZN-945-1

Date Received: 6-25-2024

Sample Type: Capsule

Tablet Weight Determination

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Content Weight per tablet	NSF SOP 6807	7- 2-2024	0.5628			g	
Empty Weight	NSF SOP 6807	7- 2-2024	0.657			g	
Full Weight	NSF SOP 6807	7- 2-2024	3.471			g	
Gross Weight	NSF SOP 6807	7- 2-2024	7.106			g	
Mass per day	NSF SOP 6807	7- 2-2024	1.4212			g	
Mass per serving	NSF SOP 6807	7- 2-2024	1.4212			g	
Mass per tablet	NSF SOP 6807	7- 2-2024	0.7106			g	
Normgel Mass per day	NSF SOP 6807	7- 2-2024	1.1256			g	
Normgel Mass per serving	NSF SOP 6807	7- 2-2024	1.1256			g	
Number of Units or Volume	NSF SOP 6807	7- 2-2024	10			None	
Servings per day	NSF SOP 6807	7- 2-2024	1			None	
Units per serving	NSF SOP 6807	7- 2-2024	2			None	

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)

HPLC Sample Preparation

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Initial Weight	NSF SOP 31078	7-17-2024	0.0962			g	
Final Volume	NSF SOP 31078	7-17-2024	20.00			mL	

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)

LCMS Sample Preparation

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Final Volume	NSF SOP 31055	7- 7-2024	1.00			mL	
Initial Weight	NSF SOP 31055	7- 7-2024	0.5015			g	

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)

Metals Sample Preparation

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Initial Weight	NSF SOP 3140	7- 2-2024	0.5017			g	
Final Volume	NSF SOP 3140	7- 2-2024	20.00			mL	

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)

Adulterants

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
1,3-Dimethylbutylamine (1,3-DMBA)	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
1,3-DMAA	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
1,4-DMAA	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
1-Androsterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
2-Hydroxypropylnortadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<

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Berberine Cinnamon (Continued)

Adulterants (Continued)

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
4-Androsten-3,6,17-trione	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
4-Androstene-3a-ol-17-one	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
4-Androstene-3b-ol-17-one	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
4-Androstenedione	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
7-keto-dehydroepiandrosterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Acetaminophen	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Acetaminotadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Acetilildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Acetylvardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Aildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Aminotadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Androsta-1,4,6-trienedione	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Androsta-3,5-diene-7,17-dione	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Androsterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Avanafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Benzamidenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Benzylsildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
beta-methylphenylethylamine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Carbodenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Chlorodenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Chloropretadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Dapoxetine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Dehydrochloromethyltestosterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Desmethylsibutramine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Deterenol	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Dexamethasone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Diclofenac	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Didesmethylsibutramine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Dimethylacetildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Estra-4,9-diene-3,17-dione	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Fluoxetine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Gendenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Gisadenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
GW1516	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Homosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydrocortisone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxyacetildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxychlorodenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxyhomosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxythiohomosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxythiovardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Hydroxyvardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Ibuprofen	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Ibutamoren	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Imidazosagatriazinone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Indomethacin	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
LGD-4033	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Lodenafil carbonate	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Lorcaserin	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Meloxicam	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<

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Berberine Cinnamon (Continued)

Adulterants (Continued)

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Methandienone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Methasterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Methocarbamol	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Methyl-1-testosterone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Methylstenbolone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Mirodenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
N,alpha-diethylphenylethylamine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Naproxen	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
N-Butynortadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
N-Desethylvaridenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
N-Desmethylsildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Nitrodenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
N-Octylnortadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Noracetildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Norneosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Norneovardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Nortadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Octodrine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Ostarine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Oxilofrine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Phenolphthalein	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Phenpromethamine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Piperiacetildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Piroxicam	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Prednisolone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Prednisone	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Propoxyphenylhomohydroxysildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Propoxyphenylsildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Propoxyphenylthiohydroxyhomosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Prostanazol	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Pseudovardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
RAD140	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Sibutramine	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Sildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Stanozolol	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Tadalafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Thioaildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Thiohomosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Thiosildenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Udenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<
Vardenafil	NSF SOP 31055	7-11-2024	<=50	<=50	5	µg/g	<

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)

Contaminants

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Arsenic (As) In Dietary Supplements	NSF SOP 3139	7- 3-2024	<0.000057	<= 0.01	0.000057	mg/Day	<
Cadmium (Cd) In Dietary Supplements	NSF SOP 3139	7- 3-2024	0.000041	<= 0.0041	0.000011	mg/Day	<
Enterobacteriaceae in Dietary Supplements	NSF SOP 29685	7- 8-2024	<100	<100		CFU/g	<

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Berberine Cinnamon (Continued)

Contaminants (Continued)

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
<i>Escherichia coli</i> in Dietary Supplements	NSF SOP 29685	7- 9-2024	Absent	Absent		None	
Lead (Pb) In Dietary Supplements	NSF SOP 3139	7- 3-2024	<0.000057	<= 0.01	0.000057	mg/Day	<
Mercury (Hg) In Dietary Supplements	NSF SOP 3139	7- 3-2024	<0.000011	<= 0.002	0.000011	mg/Day	<
<i>Salmonella</i> in Dietary Supplements	NSF SOP 29685	7- 9-2024	Absent	Absent		None	
<i>Staphylococcus aureus</i> in Dietary Supplements	NSF SOP 29685	7- 9-2024	Absent	Absent		None	
Total Aerobic Microorganisms in Dietary Supplements	NSF SOP 29685	7- 8-2024	<10000	<10000		CFU/g	<
Total Chromium In Dietary Supplements	NSF SOP 3139	7- 3-2024	0.018	<= 0.02	0.000057	mg/Day	
Yeast and Mold in Dietary Supplements	NSF SOP 29685	7- 8-2024	<1000	<1000		CFU/g	<

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Label Claims

Component	Reference	Date	Result	Control Limit	MRL	Units	Q
Berberine Chloride in Dietary Supplements	NSF SOP 31078	7-17-2024	540	>= 600		mg/serving	E

Q = Qualifier (See Definitions and Glossary page for data qualifier definition(s).)