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EVALUATION REPORT

Send To: C0778175

[REDACTED]
LTF Club Operations Company, Inc.
2902 Corporate Place
Chanhassen, MN 55317

Facility: C0778182

[REDACTED]
Benicia CA 94510
United States

Result	PASS	Report Date	01-OCT-2025
Customer Name	LTF Club Operations Company, Inc.		
Tested To	NSF 229		
Trade Designation	VITAL VEGAN PROTEIN CHOCOLATE		
Test Type	Annual Collection		
Job Number	A-00515460		
Lot Number	-		
Project Number	W0960148		
Project Manager	[REDACTED]		

Thank you for having your product tested by NSF.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization

[REDACTED]
[REDACTED]

Date 01-OCT-2025

Please see page 9 in the test report for text relevant to lead and Proposition 65 warning requirements.



General Information

Guideline: NSF 229
DCC Number: FC01490
Lot#: _
Physical Description of Sample: Powder
Test Description: LABEL CLAIM TESTING 3
Trade Designation / Product ID: VITAL VEGAN PROTEIN CHOCOLATE

This finished product was evaluated per category "Finished products containing botanical ingredients - non-extract" for microbial contaminants as stated in Standard NSF/ANSI 173 for Dietary Supplements.

Sample Id: S-0002232659
Description: VITAL VEGAN PROTEIN CHOCOLATE | Powder
Sampled Date: 06/20/2025
Received Date: 06/20/2025

Testing Parameter	Result	Units	Label Claim Value	Units	Accept. Level	P / F
General Information						
* Dietary Supplements Lab Summary Test Code						
Mass per Serving	33	grams				
Servings per daily dose	1					
Lot Number	25156-5					
Expiration Date	06/11/2027					
Contaminants						
* Residual Solvents in Dietary Supplements by GCMS						
Nitromethane	ND(16)	ug/day			500 ug/day	Pass
Formic acid	ND(1600)	ug/day			50000 ug/day	Pass
2-Methoxyethanol	ND(16)	ug/day			500 ug/day	Pass
Acetic acid	ND(1600)	ug/day			50000 ug/day	Pass
2-Ethoxyethanol	ND(53)	ug/day			1600 ug/day	Pass
Ethylene Glycol	ND(200)	ug/day			6200 ug/day	Pass
Formamide	ND(73)	ug/day			2200 ug/day	Pass
N,N-Dimethylformamide	ND(290)	ug/day			8800 ug/day	Pass
N,N-Dimethylacetamide	ND(360)	ug/day			10900 ug/day	Pass
Dimethyl sulfoxide	ND(1600)	ug/day			50000 ug/day	Pass
N-Methylpyrrolidone	ND(170)	ug/day			5300 ug/day	Pass
Sulfolane	ND(53)	ug/day			1600 ug/day	Pass
* Residual Solvents in Dietary Supplements by Headspace-GCMS						
Methanol	ND(990)	ug/day			30000 ug/day	Pass
Pentane	ND(1600)	ug/day			50000 ug/day	Pass
Ethanol	ND(1600)	ug/day			50000 ug/day	Pass
Ethyl ether	ND(1600)	ug/day			50000 ug/day	Pass
1,1-Dichloroethene	ND(2.6)	ug/day			8 ug/day	Pass
Acetone	ND(1600)	ug/day			50000 ug/day	Pass
Ethyl formate	ND(1600)	ug/day			50000 ug/day	Pass
2-Propanol	ND(1600)	ug/day			50000 ug/day	Pass
Acetonitrile	ND(140)	ug/day			4100 ug/day	Pass
Methyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
Methylene Chloride	ND(200)	ug/day			6000 ug/day	Pass
tert-Butylmethyl ether	ND(1600)	ug/day			50000 ug/day	Pass
trans-1,2-Dichloroethene	ND(310)	ug/day			18700 ug/day	Pass
Hexane	ND(69)	ug/day			2900 ug/day	Pass
1-Propanol	ND(1600)	ug/day			50000 ug/day	Pass
cis-1,2-Dichloroethene	ND(310)	ug/day			18700 ug/day	Pass



Sample Id: S-0002232659

Testing Parameter	Result	Units	Label Claim Value	Units	Accept. Level	P / F
Contaminants (Continued)						
Methylethyl ketone	ND(1600)	ug/day			50000 ug/day	Pass
Ethyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
Tetrahydrofuran	ND(240)	ug/day			7200 ug/day	Pass
2-Butanol	ND(1600)	ug/day			50000 ug/day	Pass
Chloroform	ND(20)	ug/day			600 ug/day	Pass
1,1,1-Trichloroethane	ND(3.3)	ug/day			1500 ug/day	Pass
Cyclohexane	ND(1300)	ug/day			38800 ug/day	Pass
Carbon Tetrachloride	ND(1.3)	ug/day			4 ug/day	Pass
Benzene	ND(0.66)	ug/day			2 ug/day	Pass
1,2-Dimethoxyethane	ND(33)	ug/day			1000 ug/day	Pass
1,2-Dichloroethane	ND(1.6)	ug/day			5 ug/day	Pass
2-Methyl-1-propanol	ND(1600)	ug/day			50000 ug/day	Pass
Isopropyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
Heptane	ND(1600)	ug/day			50000 ug/day	Pass
Trichloroethylene	ND(26)	ug/day			800 ug/day	Pass
1-Butanol	ND(1600)	ug/day			50000 ug/day	Pass
Methylcyclohexane	ND(400)	ug/day			11800 ug/day	Pass
1,4-Dioxane	ND(130)	ug/day			3800 ug/day	Pass
Propyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
Pyridine	ND(66)	ug/day			2000 ug/day	Pass
Methylisobutylketone	ND(1600)	ug/day			50000 ug/day	Pass
Toluene	ND(290)	ug/day			8900 ug/day	Pass
3-Methyl-1-butanol	ND(1600)	ug/day			50000 ug/day	Pass
Isobutyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
1-Pentanol	ND(1600)	ug/day			50000 ug/day	Pass
Methylbutylketone	ND(16)	ug/day			500 ug/day	Pass
Butyl acetate	ND(1600)	ug/day			50000 ug/day	Pass
Chlorobenzene	ND(120)	ug/day			3600 ug/day	Pass
Ethylbenzene	ND(120)	ug/day			21700 ug/day	Pass
m-Xylene	ND(430)	ug/day			21700 ug/day	Pass
p-Xylene	ND(100)	ug/day			21700 ug/day	Pass
o-Xylene	ND(66)	ug/day			21700 ug/day	Pass
Cumene	ND(23)	ug/day			700 ug/day	Pass
Anisole	ND(1600)	ug/day			50000 ug/day	Pass
Tetralin	ND(33)	ug/day			1000 ug/day	Pass
1,2-Dichloroethene	ND(630)	ug/day			18700 ug/day	Pass
Adulterants Screen by LCHRMS in Dietary Supplement Products						
2-Hydroxypropylnortadalafil	< /=50mcg/g					
Acetaminotadalafil	< /=50mcg/g					
Acetildenafil	< /=50mcg/g					
Acetylvardenafil	< /=50mcg/g					
Aildenafil	< /=50mcg/g					
Aminotadalafil	< /=50mcg/g					
Avanafil	< /=50mcg/g					
Benzamidenafil	< /=50mcg/g					
Benzylsildenafil	< /=50mcg/g					
Carbodenafil	< /=50mcg/g					
Chlorodenafil	< /=50mcg/g					
Chloropretadalafil	< /=50mcg/g					



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Testing Parameter	Result	Units	Label Claim Value	Units	Accept. Level	P / F
Contaminants (Continued)						
Dimethylacetildenafilil	</=50mcg/g					
Gendenafl	</=50mcg/g					
Gisadenafl	</=50mcg/g					
homosildenafilil	</=50mcg/g					
Hydroxyacetildenafilil	</=50mcg/g					
Hydroxychlorodenafl	</=50mcg/g					
hydroxyhomosildenafilil	</=50mcg/g					
Hydroxythiohomosildenafilil	</=50mcg/g					
Hydroxythiovardenafl	</=50mcg/g					
Hydroxyvardenafl	</=50mcg/g					
Imidazosagatriazinone	</=50mcg/g					
Lodenafl carbonate	</=50mcg/g					
Mirodenafl	</=50mcg/g					
N-Butylnortadalafl	</=50mcg/g					
N-Desethylvardenafl	</=50mcg/g					
N-Desmethylsildenafilil	</=50mcg/g					
Nitrodenafl	</=50mcg/g					
N-Octylnortadalafl	</=50mcg/g					
Noracetildenafilil	</=50mcg/g					
Norneosildenafilil	</=50mcg/g					
Norneovardenafl	</=50mcg/g					
Nortadalafl	</=50mcg/g					
Piperiacetildenafilil	</=50mcg/g					
Propoxyphenyl homohydroxysildenafilil	</=50mcg/g					
Propoxyphenyl sildenafilil	</=50mcg/g					
Propoxyphenyl thiohydroxyhomosildenafilil	</=50mcg/g					
Pseudovardenafl	</=50mcg/g					
sildenafilil	</=50mcg/g					
Tadalafl	</=50mcg/g					
Thioaildenafilil	</=50mcg/g					
Thiohomosildenafilil	</=50mcg/g					
Thiosildenafilil	</=50mcg/g					
Udenafl	</=50mcg/g					
Vardenafl	</=50mcg/g					
1,3-DMAA	</=50mcg/g					
1,3-DMBA	</=50mcg/g					
1,4-Dimethylpentylamine	</=50mcg/g					
beta-methylphenylethylamine	</=50mcg/g					
dapoxetine	</=50mcg/g					
desmethylsibutramine	</=50mcg/g					
deterenol	</=50mcg/g					
didesmethylsibutramine	</=50mcg/g					
fluoxetine	</=50mcg/g					
lorcaserin	</=50mcg/g					
N,alpha-diethylphenylethylamine	</=50mcg/g					
octodrine	</=50mcg/g					
oxilofrine	</=50mcg/g					
phenolphthalein	</=50mcg/g					
phenpromethamine	</=50mcg/g					



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Testing Parameter	Result	Units	Label Claim Value	Units	Accept. Level	P / F
Contaminants (Continued)						
sibutramine	<=50mcg/g					
GW1516	<=50mcg/g					
ibutamoren	<=50mcg/g					
LGD-4033	<=50mcg/g					
ostarine	<=50mcg/g					
RAD140	<=50mcg/g					
1-androsterone	<=50mcg/g					
4-Androsten-3,6,17-trione	<=50mcg/g					
4-Androsten-3alpha-ol-17-one	<=50mcg/g					
4-Androsten-3beta-ol-17-one	<=50mcg/g					
4-androstenedione	<=50mcg/g					
7-keto-dehydroepiandrosterone	<=50mcg/g					
Androsta-1,4,6-triene-3,17-dione	<=50mcg/g					
androsta-3,5-diene-7,17-dione	<=50mcg/g					
androsterone	<=50mcg/g					
dehydrochloromethyltestosterone	<=50mcg/g					
Estra-4,9-diene-3,17-dione	<=50mcg/g					
Methandienone	<=50mcg/g					
Methasterone	<=50mcg/g					
Methyl-1-testosterone	<=50mcg/g					
Methylstenbolone	<=50mcg/g					
Prostanazol	<=50mcg/g					
stanozolol	<=50mcg/g					
diclofenac	<=50mcg/g					
dexamethasone	<=50mcg/g					
indomethacin	<=50mcg/g					
methocarbamol	<=50mcg/g					
acetaminophen	<=50mcg/g					
ibuprofen	<=50mcg/g					
meloxicam	<=50mcg/g					
piroxicam	<=50mcg/g					
naproxen	<=50mcg/g					
prednisone	<=50mcg/g					
prednisolone	<=50mcg/g					
hydrocortisone	<=50mcg/g					
Adulterants Screen Pass/Fail	Pass					
* Aflatoxins by HPLC, Performed by NSF approved subcontract laboratory						
Aflatoxin	ND(1.0)	ug/kg			20 ug/kg	Pass
Arsenic in digested solids by ICPMS						
Arsenic	ND(1.3)	ug/day			10 ug/day	Pass
Cadmium in digested solids by ICPMS						
Cadmium	0.73	ug/day			4.1 ug/day	Pass
Total Chromium in digested solids by ICPMS						
Chromium (Total)	16	ug/day			20 ug/day	Pass
Lead in digested solids by ICPMS						
Lead	ND(1.3)	ug/day			10 ug/day	Pass
Mercury in digested solids by ICPMS						
Mercury	ND(0.26)	ug/day			2 ug/day	Pass



Sample Id: S-0002232659

Testing Parameter	Result	Units	Label Claim Value	Units	Accept. Level	P / F
Contaminants (Continued)						
Total Combined Mold and Yeast (Ref: USP 2021 mod. - DYM-109C)						
Yeast and Mold	<1000	CFU/g			100000 CFU/g	Pass
Total Aerobic Microorganisms (Ref: USP 2021 mod. - NF-TVC)						
Aerobic Microorganisms	<10000000	CFU/g			10000000 CFU/g	Pass
Escherichia coli presence/absence (Ref: USP 2022 mod. - S2-EC)						
E.coli Absent/Present 10 g	Absent					Pass
Enterobacteriaceae (Ref: USP 2021 mod.-S2-GN)						
Enterobacteriaceae	<100	CFU/g			10000 CFU/g	Pass
Staphylococcus aureus (Ref: USP 2022 mod. - S2-SA)						
S. aureus Absent/Present per 10 g	Absent					Pass
Salmonella species (Ref: USP 2022 mod. - S2-SAL)						
Salmonella Absent/Present per 10 g	Absent					Pass
Label Verification						
Calcium in digested solids by ICP						
Calcium	34	mg/serving	0	mg/serving		Pass
Iron in digested solids by ICP						
Iron	8.4	mg/serving	2.5	mg/serving		Pass
Potassium in digested solids by ICP						
Potassium	660	mg/serving	300	mg/serving		Pass
* Vitamin D3 Assay by HPLC						
Cholecalciferol	ND(0.03)	ug/serving	0	ug/serving		Pass
Note: [C4407/2]						
Testing was performed by an approved NSF subcontract laboratory.						
Other						
Sodium in digested solids by ICP						
Sodium	670	mg/serving	600	mg/serving		Pass
Other						
* Total Protein by HPLC						
Total Protein	20	g/serving				
Total Protein Label Claim	20	g/serving				
Total Protein Pass/Fail	Pass					
Note: [C1948/1]						
The variation of the method was determined to be +/- 20%, therefore the acceptance criteria was adjusted to take into account this uncertainty.						



Job Notes:

Conformance assessment for microbial contaminants was performed under NSF Deviation #2024-031.

This report replaces previously issued report with serial# FI20250821184544. This report is being re-issued due to additional notes for the aerobic microorganisms failure. This does not change the overall status of the report.

This report replaces previously issued report with serial# FI20250828144544. This report is being re-issued due to additional Micro information. This changes the overall status of the report.



Testing Laboratories:

	<u>Flag</u>	<u>Id</u>	<u>Address</u>
All work performed at: (Unless otherwise specified)	----- ----->	NSF_AA	NSF 789 DIXBORO ROAD ANN ARBOR MI 48105

References to Testing Procedures:

<u>NSF Reference</u>	<u>Parameter / Test Description</u>
C1032	* Dietary Supplements Lab Summary Test Code
C1421	* Residual Solvents in Dietary Supplements by GCMS
C1422	* Residual Solvents in Dietary Supplements by Headspace-GCMS
C1575	Adulterants Screen by LCHRMS in Dietary Supplement Products
C1948	* Total Protein by HPLC
C3215	Calcium in digested solids by ICP
C3220	Iron in digested solids by ICP
C3225	Potassium in digested solids by ICP
C4025	* Aflatoxins by HPLC, Performed by NSF approved subcontract laboratory
C4347	Sodium in digested solids by ICP
C4407	* Vitamin D3 Assay by HPLC
C4538	Arsenic in digested solids by ICPMS
C4539	Cadmium in digested solids by ICPMS
C4540	Total Chromium in digested solids by ICPMS
C4542	Lead in digested solids by ICPMS
C4547	Mercury in digested solids by ICPMS
M4097	Total Combined Mold and Yeast (Ref: USP 2021 mod. - DYM-109C)
M4098	Total Aerobic Microorganisms (Ref: USP 2021 mod. - NF-TVC)
M4337	Escherichia coli presence/absence (Ref: USP 2022 mod. - S2-EC)
M4338	Enterobacteriaceae (Ref: USP 2021 mod.-S2-GN)
M4340	Staphylococcus aureus (Ref: USP 2022 mod. - S2-SA)
M4341	Salmonella species (Ref: USP 2022 mod. - S2-SAL)

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF requirements but is not within its scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.

Dates of Laboratory Activity: 20-JUN-2025 to 19-AUG-2025



Please note that during the testing of the dietary supplement product or ingredient herein, the level of lead and other chemicals of interest may have been measured. The pass/fail criteria for contaminants can be found in the most recent version of NSF/ANSI 173. These limits may conflict with some state level regulations.

If this material is to be sold or distributed in the State of California, consideration should be given if it is necessary to provide a Proposition 65 warning. A full list of the current Proposition 65 Safe Harbor Limits can be found here: <http://www.oehha.ca.gov/prop65/getNSRLs.html>.