



GFSI-Benchmarked Standard  
SQF Code Edition 9: FSC 31  
Dietary Supplements Manufacturing

## CERTIFICATE OF ANALYSIS

**Manufactured For:** Newtropin LLC  
**Customer Master Batch Lot Number:** 58112  
**Invoice Number:** 484184-5168  
**Product Name:** Advanced DIM + Bioperine Vege Capsules  
**Date Manufactured:** 10/2024  
**Product Appearance:** #0 clear/clear oblong vege capsule with a white to off-white powder fill ; Result: Passed

**Label Name:** NEWTROPIN DIM COMPLEX  
**Vitalabs Lot Number:** 242536  
**Bottle Count:** 144 bottles  
**Product Code:** VLI399-02  
**Expiration Date:** 10/2026

<b>Actual Weight:</b>	<b>Target Weight:</b>	<b>Weight Range:</b>	<b>Method:</b>
652.68 mg	650.00 mg	585.00 - 715.00 mg	Current USP
<b>Disintegration Time:</b>	<b>Specification:</b>	<b>Result:</b>	<b>Method:</b>
	NMT 30 Minutes	8 Minutes	Current USP

**Serving Size:** 1 vegetable capsule  
**Reference:** ATDS# 3900-00/24, 3900-01/24; Summit 241108 011-06

**Vitalabs GMP Info:** NSF/ANSI 455-2 Certification Number C019998-HSCDS-5

**Vitalabs GFSI Info:** SQF Certification Number 72660

### COMMENTS

### DIETARY INGREDIENTS

Active Ingredient Name	Label Claim (per 1 vegetable capsule)	Result	% of Label Claim	Spec	Test Method
DIM (Diindolylmethane)	150.00 mg	158.60 mg	105.73	100-150%	HPLC
BioPerine® (black pepper fruit extract)	5.00 mg	5.57 mg	111.40	100-150%	HPLC
Broccoli 20:1 Extract (florets)	50.00 mg	50.00 mg	100.00	NLT 100%	**ID by TLC
Calcium D-Glucarate	50.00 mg	59.83 mg	119.66	100-150%	ICP

## OTHER INGREDIENTS

Rice flour  
Vegetable cellulose  
Vegetable magnesium stearate  
Silicon dioxide

## REQUIRED ALLERGEN WARNINGS

**Eggs:** No      **Fish:** No      **Milk:** No      **Peanuts:** No  
**Porcine:** No      **Sesame:** No      **Shellfish:** No      **Soy:** No  
**Tree Nuts:** No      **Wheat:** No

## HEAVY METALS

Type of Heavy Metal	Limits	Results	Test Method
Lead	<= 2.75 mcg per serving	0.032 mcg / 1 Capsule	*(ICP-MS)
Arsenic	<= 10 mcg per serving	0.074 mcg / 1 Capsule	*(ICP-MS)
Cadmium	<= 4.1 mcg per serving	0.006 mcg / 1 Capsule	*(ICP-MS)
Mercury	<= 3 mcg per serving	Not Detected	*(ICP-MS)

## MICROBIOLOGY

Microbial Test	Limits	Results	Test Method
Standard Plate Count	< 10,000 cfu / g	<10 cfu/g	USP <2021>
Yeast and Mold	< 1,000 cfu / g	<100 cfu/g	USP <2021>
E. coli	Negative / 10g	Negative	USP <2022>
Salmonella	Negative / 10g	Negative	USP <2022>
Staphylococcus aureus	Negative / 10g	Negative	USP <2022>

## SIGNATURE

APPROVED

BY:



DATE: 06-09-2025

\*\* - In Accordance with 21 CFR 111.75(d)(1) the following finished dietary ingredients product specifications are exempt from direct finished batch testing requirements as set forth in paragraph 21 CFR 111.75(c)(1). Possible exemption reasons include: instrumental quantification limits, unavailability of a scientifically valid test method, matrix interference, and the lack of biomarkers. These ingredients are confirmed by proper raw material identification, verified by production process controls, and QA batch record review and approval to ensure finished product meets all approved MMR in-process specifications.