



DATE: **02/19/2024**

CERTIFICATE OF ANALYSIS

Product: **SLIN-TROL TABS**
Product code : **7084**
Prepared For: **NUETHIX FORMULATIONS**

Lot No: **2312112**
Serving Size : **1 Tab**
Manufacture Date: **12/2023**

PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Average Tablet Weight	288mg – 318mg	305 mg.	Balance Reading
Punch Size	12 SC Round	12 SC Round	Organoleptic
Disintegration	≤ 60 Minutes	35 Minutes	USP <2040>
Hardness	5.0 – 25.0 Kp	10.8 Kp	USP <1217>
Thickness	3.58 – 5.58 mm	4.72 – 4.83 mm	Vernier Caliper
Color / Appearance	Dark Grayish Green to Greenish Brown w/ Spots	Dark Grayish Green w/spots	Organoleptic
Coating	Pharmaceutical glaze	Pharmaceutical glaze	Organoleptic

AMOUNT PER SERVING

INGREDIENT

Chromium (As Chromium Polynicotinate)	NLT 200mcg	235.80 mcg	ICP-OES
Vanadium Sulphate (19% Vanadium)	NLT 10mg	11mg	PPCS [‡]
L-Glutamic Acid	NLT 2mg	2.1mg	PPCS
Glycine	NLT 2mg	2.1mg	PPCS
L-Cysteine HCl	NLT 2mg	2.1mg	PPCS
Gymnema Sylvestre Leaf Extract 25%	NLT 100mg	105mg	PPCS
Gymnemic Acids			

CONTAMINANTS

MICROBIOLOGICAL

Total Aerobic Plate Count	<10 ⁴ cfu/g	200 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 ³ cfu/g	50 cfu/g	USP<61>
Enterobacteriaceae	<10 ² cfu/g	<10 cfu/g	USP<62>
Salmonella spp.	Absent	Absent	USP<62>
E. Coli	Absent	Absent	USP<62>
Staphylococcus aureus	Absent	Absent	USP<62>

HEAVY METALS:

Mercury (2µg/day)	≤ 6.9444 ppm	<0.001 ppm	ICP/MS
Lead (8.8µg/day)	≤ 30.5556 ppm	0.1946 ppm	ICP/MS
Arsenic (10µg/day)	≤ 34.7222 ppm	0.1348 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 14.2361 ppm	0.0123 ppm	ICP/MS

‡In accordance with 21 CFR § 111.75 (c) or (d) ingredient is exempt from testing. Result is substantiated through component testing and/or examination; in-process testing, examination, and/or monitoring; and other aspects of the established Production and Process Control System (PPCS).