



NuEthix

FORMULATIONS

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Relax Liposomal Liquid
PRODUCT CODE: NU003

MFG. LOT NUMBER: 187012

PKG. LOT NUMBER: 187011

BEST BY DATE: 08/2023

CRITICAL CHARACTERISTICS:

	SPECIFICATIONS	RESULTS
Overall Appearance	Dark brown yellowish orange liquid	Complies
Color	Dark brown yellowish orange	Complies
Odor	Orange/herb	Complies
Taste	Sweet orange w/characteristic botanicals	Complies
pH	Record	5.6
Specific Gravity	1.04 - 1.11 g/mL	1.07g/mL
Water Activity	<1.0 a _w	0.61a _w

CHEMICAL ASSAY:

	SPECIFICATIONS	RESULTS
NIR Identification	Conforms to Standard	98.4% Pass
Vitamin B6	NLT 1 mg/2ml	1mg/2 ml
Melatonin	NLT 5 mg/2ml	5mg/2 ml
Lead	NMT 10 ppm	0.751mcg/serving
Arsenic	NMT 1 ppm	0.045mcg/serving
Cadmium	NMT 10 ppm	0.109mcg/serving
Mercury	NMT 10 ppm	0.004mcg/serving

MICROBIOLOGICAL TESTING:

	SPECIFICATIONS	RESULTS
TPC (cfu/gm)	<1,000	Pass*
Yeast (cfu/gm)	<100	Pass*
Mold (cfu/gm)	<100	Pass*
Coliform (cfu/gm)	<100	Pass**
E. coli	Negative	Pass**
Salmonella	Negative	Pass**
S. aureus	Negative	Pass**

*Validated with methodology and technology to meet AOAC and USP <1223>, <2020>, and <2021> standards.

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Date: 8/17/21