



# NuEthix

## FORMULATIONS

5208 ARBOR KNOLL LN INDEPENDENCE, KY 41051 • WWW.NUETHIX.COM

### CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Relax Liposomal Liquid  
**PRODUCT CODE:** NU003  
**PKG. LOT NUMBER:** 200201  
**BEST BY DATE:** 10/2024

#### CRITICAL CHARACTERISTICS:

Overall Appearance  
Color  
Odor  
Taste  
pH  
Specific Gravity  
Water Activity

#### SPECIFICATIONS

Brownish orange clear liquid  
Brownish orange  
Orange/herb  
Berry with characteristic botanicals  
4.5-5.5  
1.04 - 1.11 g/mL  
<1.0 a<sub>w</sub>

#### RESULTS

Complies  
Complies  
Complies  
Complies  
5.42  
1.08g/mL  
0.72a<sub>w</sub>

#### CHEMICAL ASSAY:

NIR Identification  
Melatonin  
Lead  
Arsenic  
Cadmium  
Mercury

#### SPECIFICATIONS

Conforms to Standard  
NLT 5mg/2 ml  
NMT 10 ppm  
NMT 1 ppm  
NMT 10 ppm  
NMT 10 ppm

#### RESULTS

88.5% Pass  
6.0mg/2 ml  
0.045mcg/serving  
0.013mcg/serving  
ND  
ND

#### MICROBIOLOGICAL TESTING:

TPC (cfu/gm)  
Yeast (cfu/gm)  
Mold (cfu/gm)  
Coliform (cfu/gm)  
E. coli  
Salmonella  
S. aureus

#### SPECIFICATIONS

<1,000  
<100  
<100  
<100  
Negative  
Negative  
Negative

#### RESULTS

Pass\*  
Pass\*  
Pass\*  
Pass\*\*  
Pass\*\*  
Pass\*\*  
Pass\*\*

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

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Date: 10/6/22