



NuEthix

FORMULATIONS

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

Product: Gut Defender +
 Lot Number: 2204073
 Manufacture Date: 08/2022

CERTIFICATE OF COMPOSITION AND ANALYSIS

COMPOSITION			
Material Ingredient	Input/capsule (mg)	Elemental Potency Specification	Active Measure by Input
Beta Carotene 20% NLT 330,000 IU/g (94mcg RAE/mg) Vitamin A, natural	1.245	NLT 9.40%	117mcg RAE
Vitamin A Palmitate NLT 445,000IU/g (80mcg RAE/mg)	0.488	NLT 8.00%	39mcg RAE
TRAACS Molybdenum Glycinate Chelate NLT 2.5% Mo	1.020	NLT 2.50%	0.026mg
Olive Leaf Extract NLT 15% Oleuropein (Olea erupaea)	150.000	NLT 100.00%	150mg
Glycerol Monolaurate NLT 90% (aka Monolaurin)	112.222	NLT 90.00%	101mg
Tarragon Leaf Extract 4:1 (Artemisia spp)	100.000	NLT 100.00%	100mg
Magnesium Caprylate NLT 80% Caprylic Acid, 7% Mg	126.250	NLT 80.00%	101mg
Thyme Leaf Extract 4:1 (Thymus vulgaris)	50.000	NLT 100.00%	50mg
Artichoke Aerial Parts Extract NLT 5% Cynarin (Cynara scolymus)	50.000	NLT 100.00%	50mg
Milk Thistle Seed Extract NLT 80% Silymarin UV (Silybum marianum)	50.500	NLT 80.00%	40.4mg

Other Ingredients (listed in decreasing order by weight): Vegetable capsule (hypromellose), magnesium stearate, silicon dioxide

ANALYSIS			
ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Product Form	Size 00EL Clear HPMC Caps - elongated	Organoleptic	Conforms
Product Color	Tan	Organoleptic	Conforms
Gross Weight	793mg ± 2%	USP <2091>	806mg
Identity	Overlapping Spectra of 85 or greater	FT-IR	95.52%

ASSAY			
TEST	SPECIFICATION PER CAPSULE	METHOD	RESULTS
Molybdenum	NLT 0.025mg	ICP-MS	0.036mg

MICROBIOLOGY†			
TEST	SPECIFICATION	METHOD	RESULTS
Aerobic Count	NMT 1 x 10 ⁶ cfu/g	AOAC 990.12	1000 cfu/g
Enterobacteriaceae	NMT 1 x 10 ² cfu/g	AOAC 2003.01	<10 cfu/g
Yeast and Mold	NMT 1 x 10 ³ cfu/g	AOAC 997.02	<100 cfu/g
Staphylococcus Aureus	Not detected/10g	AOAC 2003.07	Negative

HEAVY METALS†††			
TEST	SPECIFICATION ††††	METHOD	RESULTS
Arsenic	NMT 15mcg/day	ICP-MS	0.1906mcg/day
Cadmium	NMT 5mcg/day	ICP-MS	<0.0327mcg/day
Mercury	NMT 15mcg/day	ICP-MS	<0.0131mcg/day
Lead	NMT 10 mcg/day	ICP-MS	0.0532mcg/day

The results provided are as supplied by manufacturer, in-house, and/or independent laboratory testing

† Specifications based on NSF/ANSI 173 standards for Dietary Supplement Finished Products

††† Specifications based on USP <2232>

†††† Daily serving size is two capsules

Lab Manager

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