



Product: GDA-Max  
 Lot Number: 190702  
 Manufacture Date: 11/2019

COMPOSITION			
Material Ingredient	Input/capsule (mg)	Elemental Potency Specification	Active Measure (by input)
Thiamine HCl (83% Vit B1)	72.289	NLT 83.00%	60.000 mg
D-Calcium Pantothenate (91.5% Pantothenic Acid)	34.426	NLT 91.50%	31.500 mg
Chromium Polynicotinate (10% Cr)	2.040	NLT 10.00%	0.204 mg
Vanadyl Sulfate NLT 48.5% (19.5% V)	20.825	NLT 48.50%	10.100 mg
Green Tea Leaf Extract NLT 50% Polyphenols, NLT 15% EGCG, NMT 1% Caffeine (Camellia sinensis)	100.000	NLT 100.00%	100.000 mg
Berberine HCl NLT 85% (from Berberis Aristata Corteccia)	237.647	NLT 85.00%	202.000 mg
R-Alpha Lipoic Acid NLT 98.5%	102.538	NLT 98.50%	101.000 mg
Gymnema Sylvestre Leaf	100.000	NLT 100.00%	100.000 mg
Cinnamon Bark Extract 4:1 (Cinnamomum zeylanicum)	50.000	NLT 100.00%	50.000 mg
L-Glutamic Acid NLT 98.5%	2.051	NLT 98.50%	2.020 mg
Glycine NLT 98%	2.061	NLT 98.00%	2.020 mg
L-Cysteine HCl NLT 97% (74.5% L-Cysteine), anhydrous	2.082	NLT 97.00%	2.020 mg

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

ANALYSIS			
ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Product Form	"00" Elong clear vegetable	Organoleptic	Conforms
Product Color	Yellow to yellow-brown	Organoleptic	Conforms
Gross Weight	878 mg $\pm$ 2%	USP <2091>	860mg
Identity	Overlapping Spectra of 82 or greater	FT-IR	First Run

ASSAY			
TEST	SPECIFICATION	METHOD	RESULTS
Chromium	NLT 200mcg/capsule	ICP-MS	300.9mcg/capsule

MICROBIOLOGY†			
TEST	SPECIFICATION	METHOD	RESULTS
Aerobic Count	NMT $1 \times 10^7$ cfu/g	AOAC 990.12	<1,000 cfu/g
Enterobacteriaceae	NMT $1 \times 10^4$ cfu/g	AOAC 2003.01	30 cfu/g
Yeast and Mold	NMT $1 \times 10^5$ cfu/g	AOAC 997.02	<100 cfu/g
E. coli††	Not detected/10g	AOAC 991.14	<10 cfu/g
Salmonella††	Not detected/10g	AOAC 989.13	Negative
Staphylococcus Aureus	Not detected/10g	AOAC 2003.07	Negative

HEAVY METALS†††			
TEST	SPECIFICATION ††††	METHOD	RESULTS
Arsenic	NMT 15mcg/day	ICP-MS	<0.1856mcg/day
Cadmium	NMT 5mcg/day	ICP-MS	0.0813mcg/day
Mercury	NMT 15mcg/day	ICP-MS	0.0088mcg/day
Lead	NMT 10 mcg/day	ICP-MS	0.4846mcg/day

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

†specifications based on NSF standards for Finished Products

†† E. coli and Salmonella will be tested if a positive Enterobacteriaceae result is received

†††specifications based on USP 2232

††††daily serving based on one capsule (TBD)

  
 John Carter  
 Chemist

11-11-19  
 Date