



NuZithix
FORMULATIONS

Product: Flora-Protect
Lot Number: 180645
Manufacture Date: 12/18

COMPOSITION			
Material Ingredient	Input/capsule (mg)	Activity Specification (billion cfu/g)	Active Measure (by input)
Lactobacillus acidophilus UALa-01	30.000	NLT 200.00	6.000 billion cfu
Lactobacillus paracasei UAL-pc-04	32.000	NLT 250.00	8.000 billion cfu
Bifidobacterium lactis UABla-12	14.000	NLT 500.00	7.000 billion cfu
Bifidobacterium bifidum UABb-10	10.000	NLT 100.00	1.000 billion cfu
Lactobacillus plantarum UALp-05	10.000	NLT 400.00	4.000 billion cfu
Lactobacillus rhamnosus UALr-06	5.000	NLT 200.00	1.000 billion cfu
Saccharomyces Boulardii DBVPG	110.000	NLT 20.00	2.200 billion cfu

Other Ingredients (listed in decreasing order by weight): Microcrystalline cellulose, vegetable capsule, magnesium stearate

ANALYSIS			
ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Physical Appearance	Off-white to tan powder in clear #1 acid resistant vegetable capsule	Organoleptic	Conforms
Gross Weight	372 mg $\pm 2\%$	USP <2091>	372 mg
Identity	Overlapping Spectra of 82 or greater	FT-IR	Conforms
ASSAY			
TEST	SPECIFICATION	METHOD	RESULTS
Total Viable Cell Count	NLT 20,000,000,000 cfu/capsule**	Probiotic Enumeration	46,000,000,000 cfu/capsule
Saccharomyces boulardii	NLT 2,000,000,000 cfu/capsule**	Saccharomyces boulardii Enumeration	1,000,000,000 cfu/capsule*
**At time of manufacture			
MICROBIOLOGY†			
TEST	SPECIFICATION	METHOD	RESULTS
Enterobacteriaceae	NMT 1×10^2 cfu/g	AOAC 2003.01	<10 cfu/g
Yeast and Mold	NMT 1×10^3 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	<0.023mcg/day
Cadmium	NMT 5mcg/day	ICP-MS	<0.009mcg/day
Mercury	NMT 15mcg/day	ICP-MS	<0.004mcg/day
Lead	NMT 10 mcg/day	ICP-MS	<0.009mcg/day

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

*falls within specified log value variability of $(9.00 \pm 0.62 \log 10)$

†specifications based on NSF standards for Finished Products

††specifications based on USP <2232>

††††daily serving based on one capsule

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Date