



NuSthix
FORMULATIONS

Product: Utilyze Packet
Lot Number: 180646
Manufacture Date: 09/18

CERTIFICATE OF COMPOSITION AND ANALYSIS

Component	Description	Quantity	Lot Number
Utilyze (Digestive Enzyme) Capsule #1	White powder in clear "00" vegetable capsule	2 capsules	180646-1
Utilyze (Digestive Enzyme) Capsule #2	Beige powder in clear "0" vegetable capsule	1 capsule	180646-2

ANALYSIS

ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Physical Appearance	Clear 3" x 3" three count packet with "Digestive Enzyme Formula," lot number, and manufacture date printed on it	Organoleptic	Conforms

ASSAY

Betaine HCl	NLT 800mg/packet	HPLC	894.36mg/packet
Amylolytic Activity	NLT 40,000 U USP/packet†	FCC	54961.79 U USP/packet

MICROBIOLOGY†

TEST	SPECIFICATION	METHOD	RESULTS
Aerobic Count	NMT 1×10^4 cfu/g	AOAC 990.12	<1000 cfu/g
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 (inorganic)**	NMT 15mcg/day	ICP-MS	<0.0625mcg/day
Cadmium	NMT 5mcg/day	ICP-MS	<0.0250mcg/day
Mercury	NMT 15mcg/day	ICP-MS	<0.0062mcg/day
Lead	NMT 10 mcg/day	ICP-MS	0.0290mcg/day

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

† Enzyme activity may vary within 15% of the specified value as per FCC Enzyme Preparations Monograph: p379, USP 8th Ed., 2012

†specifications based on NSF standards for Finished Products

†††specifications based on USP 2232

††††daily serving based on one packet

***Arsenic may be measured using a non-specification procedure under the assumption that all arsenic contained in the supplement is in the inorganic form. Where the limit is exceeded using a non-specification procedure, compliance with the limit for inorganic arsenic shall be demonstrated on the basis of a specification procedure.*

12-13-18
Date