



NuEthix

FORMULATIONS

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

Product: Utilyze Packets
Lot Number: 2403098
Manufacture Date: 07/2024

CERTIFICATE OF COMPOSITION AND ANALYSIS

Component	Description	Quantity per Packet	Lot Number
Utilyze Enzymes Capsule #1	White powder in clear "00" vegetable capsule	2	2403098-1
Utilyze Enzymes Capsule #2	Beige powder in clear "0" vegetable capsule	1	2403098-2

ANALYSIS

ATTRIBUTE	SPECIFICATION	RESULTS
Physical Appearance	Clear three count packet with "Utilyze Digestive Enzymes," lot number, and manufacture date coding.	Conforms

ASSAY

TEST	SPECIFICATION PER PACKET	METHOD	RESULTS
Taurine	NLT 200mg	HPLC	190mg
Amylolitic Activity	NLT 40,000 U USP‡	FCC	40,004 U USP‡

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

MICROBIOLOGY†

TEST	SPECIFICATION	METHOD	RESULTS
Aerobic Count	NMT 1 x10 ⁴ cfu/g	AOAC 990.12	Conforms
Enterobacteriaceae	NMT 1 x10 ² cfu/g	AOAC 2003.01	Conforms
Yeast and Mold	NMT 1 x10 ³ cfu/g	AOAC 997.02	Conforms
Staphylococcus Aureus	Not detected/10g	AOAC 2003.07	Conforms

HEAVY METALS†††

TEST	SPECIFICATION ††††	METHOD	RESULTS
Arsenic	NMT 15mcg/day	ICP-MS	<0.1209mcg/day
Cadmium	NMT 5mcg/day	ICP-MS	<0.0483mcg/day
Mercury	NMT 15mcg/day	ICP-MS	<0.012mcg/day
Lead	NMT 5mcg/day	ICP-MS	<0.0183mcg/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 based on one packet

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Senior QA/QC Administrator

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FORMULATIONS

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Product: Utilyze Capsule #1
Lot Number: 2403098-1
Manufacture Date: 07/2024

CERTIFICATE OF COMPOSITION AND ANALYSIS

COMPOSITION			
Material ingredient	Input/capsule (mg)	Elemental potency specification	Active measure by input
Betaine HCl NLT 96.5%, 73.5% Betaine	418.653	NLT 96.50%	404mg
Taurine NLT 98%	103.061	NLT 98.00%	101mg
Pepsin 3000 Units/mg (Porcine), S.D. w/Maltodextrin	40.000	NLT 100.00%	40mg

Other Ingredients (listed in decreasing order by weight): microcrystalline cellulose, vegetable capsule (hypromellose), potato starch, magnesium stearate, silicon dioxide

ANALYSIS			
ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Product form	Size 00 TP HPMC Capsules	Organoleptic	Conforms
Product color	White	Organoleptic	Conforms
Gross weight	832mg ± 2%	USP <2091>	848mg
Identity	Overlapping Spectra of 85 or greater	FT-IR	97.58%

MICROBIOLOGY†			
TEST	SPECIFICATION	METHOD	RESULTS
Aerobic count	NMT 1 x 10 ⁴ 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

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

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FORMULATIONS

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

Product: Utilyze Capsule #2
Lot Number: 2403098-2
Manufacture Date: 07/2024

CERTIFICATE OF COMPOSITION AND ANALYSIS

COMPOSITION			
Material ingredient	Input/capsule (mg)	Elemental potency specification	Active measure by input
Pancreatin 8X USP, porcine	200.000	NLT 100.00%	200mg
Bromelain NLT 2400 GDU/g (from stem of Ananas Comosus)	83.333	NLT 100.00%	83.333mg

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

ANALYSIS			
ATTRIBUTE	SPECIFICATION	METHOD	RESULTS
Product form	Size 0 TP HPMC Capsules	Organoleptic	Conforms
Product color	Beige	Organoleptic	Conforms
Gross weight	496mg ± 2%	USP <2091>	502mg
Identity	Overlapping Spectra of 85 or greater	FT-IR	96.72%

MICROBIOLOGY†			
TEST	SPECIFICATION	METHOD	RESULTS
Aerobic count	NMT 1 x 10 ⁴ cfu/g	AOAC 990.12	2000 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

*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*

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