



# NuEthix

FORMULATIONS

## CERTIFICATE OF ANALYSIS

PRODUCT NAME	NUETHIX THYRO-BOOST
VHA CODE NUMBER	5371-C
LOT NUMBER	2408084-001
MANUFACTURE DATE	October 9, 2024
RELEASE DATE	November 21, 2024

TEST ITEMS	SPECIFICATIONS	RESULTS	METHOD REFERENCE
<b>1) Weight Variation Test</b>			
Average Weight of Capsule	738 - 902 mg	849 mg	USP<2091>
<b>2) Disintegration</b>			
	≤ 30 min	11 min	USP<2040>
<b>3) Active Ingredients per Capsule</b>			
VITAMIN A (as beta-carotene)	≥ 600.00 mcg	625.34 mg	HPLC
RIBOFLAVIN	≥ 0.20 mg	0.36 mg	HPLC
IODINE	≥ 20.00 mcg	20.00 mcg	*
MAGNESIUM (as magnesium glycinate)	≥ 10.00 mg	13.28 mg	ICP-MS
ZINC (as zinc bisglycinate chelate)	≥ 1.10 mg	1.10 mg	*
SELENIUM (as L-selenomethionine)	≥ 25.00 mcg	38.72 mcg	ICP-MS
MANGANESE (as manganese amino acid chelate and manganese citrate)	≥ 1.00 mg	1.00 mg	ICP-MS
BOVINE THYROID POWDER	≥ 150.00 mg	150.00 mg	*
IRISH MOSS ( <i>Chondrus crispus</i> )	≥ 40.00 mg	40.00 mg	*
PARSLEY (leaf) ( <i>Petroselinum crispum</i> )	≥ 40.00 mg	40.00 mg	*
BOVINE ADRENAL POWDER	≥ 30.00 mg	30.00 mg	*
L-TYROSINE	≥ 20.00 mg	20.00 mg	*
BOVINE WHOLE PITUITARY POWDER	≥ 20.00 mg	20.00 mg	*
HORSETAIL EXTRACT (stem, leaf, root) ( <i>Equisetum arvense</i> )	≥ 20.00 mg	20.00 mg	*
BOVINE SPLEEN POWDER	10.00 mg	10.00 mg	
BOVINE THYMUS POWDER	≥ 10.00 mg	10.00 mg	*
KELP ( <i>Ascophyllum nodosum</i> )	≥ 9.00 mg	9.00 mg	*
<b>4) Microbial Testing</b>			
Total Aerobic Plate Count	≤ 100,000 cfu/g	300 cfu/g	
Total Yeast and Mold Count	≤ 1,000 cfu/g	< 100 cfu/g	AOAC
Salmonella	Negative/ 10 g	Negative/ 10 g	AOAC
E. Coli	Negative/ 10 g	Negative/ 10 g	AOAC
Staphylococcus Aureus	Negative/ 10 g	Negative/ 10 g	AOAC

\* Represents confirmed by proper raw material identification and specification testing and process control.

Date: 11/21/2024