

Elderberry Immune Support - w/ Vitamin C & Zinc | Total Defense  
 SKU: ROC832 Date: 1/21/2026 | Verified Third Party Lab

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Elderberry Immune Support - w/ Vitamin C & Zinc   Total Defense		
<b>Product SKU</b>	ROC832	<b>Lot Number</b>	EIS220404
<b>Received Date</b>	05/24/2022	<b>Country of Origin</b>	USA

ANALYSIS	METHOD	SPECIFICATION	RESULTS	STATUS
<b>Physical Properties</b>				
Average Net Fill Weight	WI.USP.2091.02	548.8 - 670.7 mg	624.00 mg	PASS
Average Gross Weight	WI.USP.2091.02	656.6 - 802.5 mg	745.80 mg	PASS
<b>Nutrients &amp; Potency (per serving)</b>				
Vitamin C	WI.HPLC.303.05	> 90 mg	104.012 mg	PASS
Zinc	WI.ICP.408	> 8 mg	9.390 mg	PASS
<b>Purity (Heavy Metals)</b>				
Arsenic (As)	USP <2232>	< 15 mcg/day	0.054 mcg/day	PASS
Cadmium (Cd)	USP <2232>	< 5 mcg/day	0.017 mcg/day	PASS
Lead (Pb)	USP <2232>	< 5 mcg/day	0.156 mcg/day	PASS
Mercury (Hg)	USP <2232>	< 15 mcg/day	< 0.001 mcg/day	PASS
<b>Microbiology</b>				
Total Coliform	AOAC 2018.13	< 100 cfu/g	< 10 cfu/g	PASS
Escherichia coli	Biolumix	None Detected	None Detected	PASS
Salmonella spp.	AOAC 2013.01	None Detected	None Detected	PASS
Yeasts & Molds	AOAC 2014.05	< 1000 cfu/g	< 10 cfu/g	PASS

<b>Final Disposition</b>
<b>PASS</b>

This product has been reviewed and approved by our FDA Approved Lab located in the United States of America.

The results reported in this Certificate of Analysis (COA) are truthful and representative of the lot. The finished product and all raw materials used to manufacture the batch have been found to meet required specification limits in accordance with 21 CFR 111 (cGMP) regulations and the product is duly released.

## **Analytical Highlights for Lot #EIS220404:**

- **Nutrient Potency:** Verified high-potency levels for Vitamin C (**104.012 mg**) and Zinc (**9.390 mg**) per serving, both exceeding label specifications.
- **Safety & Purity:**
  - **Heavy Metals:** Confirmed compliance with USP <2232> standards for Arsenic, Cadmium, Lead, and Mercury, with results recorded well below daily microgram safety limits.
  - **Microbiology:** Full safety screening via AOAC methods confirmed as **PASS** for pathogens (*E. coli*, *Salmonella*, *S. aureus*). Total Coliform and Yeast/Mold recorded at exceptionally clean levels (< 10 cfu/g).
- **Physical Metrics:** Average net fill weight confirmed at **624.00 mg** per capsule.
- **Final Disposition:** **PASS**