

CERTIFICATE OF ANALYSIS

| | | | |
|---------------------------|---|-----------------------------------|--------------------|
| Product Name: | Asta-FX Liquid Vege Capsules | | |
| Product Code: | PY041 | Manufactured for: Purity Products | |
| Lot#: | 213270 | | |
| Date of Manufacture: | 1/2022 | | |
| Product Appearance/Color: | #0 Green/Green Opaque vege-capsule filled with yellowish/red oil-paste. | | |
| Weight Variation: | Theoretical Weight: 590 mg | Specification: 531-649 mg | Result: 594.35 mg |
| | Method: Current USP | | |
| Disintegration Time: | Specification: NMT 30 mins. | Result: 6 mins. | Method Current USP |
| Notebook Reference: | B1442p7,8, B1441p31, B1432p112 | | |

DIETARY INGREDIENTS

| Ingredient Name | LC/2caps | Result | % of LC | Spec | Method |
|---------------------------------------|----------|----------|---------|----------|--------|
| Astaxanthin (AstaREAL® Astaxanthin) | 4.00 mg | 5.86 mg | 146.50 | 100-150% | UV |
| EVNol™ Tocotrienol/Tocopherol Complex | 54.04 mg | 54.04 mg | 100.00 | NLT 100% | ** |
| Mixed Tocotrienols (from EVNOL™) | 20.00 mg | 27.35 mg | 136.75 | 100-150% | HPLC |
| d-alpha tocopherol (from EVNOL™) | 5.12 mg | 7.28 mg | 142.19 | 100-150% | HPLC |
| Black Pepper Extract; 95% piperine | 5.00 mg | 5.00 mg | 100.00 | NLT 100% | ** |
| (Bioperine) | 4.75 mg | 5.40 mg | 113..68 | 100-150% | HPLC |

OTHER INGREDIENTS

Organic extra virgin olive oil, Vegetable Cellulose, Vegetable Wax, d-alpha Tocopheryl Acetate, and Rosemary Oil, and Chlorophyllin.

HEAVY METALS

| Heavy Metal | Specification | Result /2caps | Method |
|-------------|----------------------------|---------------|--------|
| Lead: | 2.75 µg/maximum daily dose | 0.339 mcg | ICP-MS |
| Arsenic: | 10 µg/maximum daily dose | 0.155 mcg | ICP-MS |
| Cadmium: | 4.1 µg/maximum daily dose | 0.028 mcg | ICP-MS |

MICROBIOLOGY

| Micro Study#MB0023487 | Specification | Result | Method |
|-------------------------------------|----------------|-----------|----------------|
| Total Plate Count: | < 10,000 CFU/g | 155 cfu/g | Current USP |
| Yeast & Mold Count: | < 1,000 CFU/g | <10 cfu/g | Current USP |
| Escherichia Coli: | Negative | ND | Current USP |
| Salmonella: | Negative | ND | Current USP |
| Staphylococcus Aureus: | Negative | ND | Current USP |
| Prepared by: <i>Rebecca Rivera</i> | | | Date: 2/7/2022 |
| Reviewed by: <i>Rajivdya Thakur</i> | | | Date: 2/7/2022 |
| Approved by: <i>Santosh Kumar</i> | | | Date: 2/7/2022 |

**. In Accordance with 21 CFR 111.75(d) (1) the following finished dietary ingredients product specifications are exempt from direct finished batch testing requirements as set forth in paragraph 21 CFR 111.75(c) (1). Also confirmed by proper raw material identification, verified by production process controls and QA batch record review and approval to ensure finished product meets all approved MMR in-process specifications. Ref: SOP No. QC-3.