

# CERTIFICATE OF ANALYSIS

Product Name:	Asta-FX Liquid Vege Capsules		
Product Code:	PY041	Lot#:	161720
Manufactured for:	Purity Products	Date of Manufacture:	7/2016
Product Appearance/Color:	#0 Green/Green Opaque vege-capsule filled with yellowish/red oil-paste.		
Weight Variation:	(Current USP) – Target Weight: 540-660 mg	Average Weight:	561.05 mg
Disintegration Time:	(Current USP) – Specification: NMT 30 minutes	Result:	8 minutes
Notebook Reference:	B1092p14		

## ACTIVE INGREDIENTS

Component Name	LC/2caps	Result	% of LC	Method
Astaxanthin (AstaREAL® Astaxanthin)	2.00 mg	2.00 mg	100.00	**
Mixed Tocotrienols (Tocomin)	10.00 mg	10.10 mg	101.00	HPLC
Black Pepper Extract; 95% piperine (Bioperine)	2.00 mg	2.00 mg	100.00	**

## INACTIVE INGREDIENTS

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

## HEAVY METALS

Heavy Metal	Result /2caps	Method
Arsenic	0.009 mcg	ICP-MS
Cadmium	0.001 mcg	ICP-MS
Lead	0.007 mcg	ICP-MS

## MICROBIOLOGY

Micro Study# 159518	Specification	Result	Method
Total Plate Count:	NMT 10,000 CFU/g	10 CFU/g	Current USP Method
Yeast & Mold Count:	NMT 1,000 CFU/g	10 CFU/g	Current USP Method
Escherichia Coli:	Negative	ND	Current USP Method
Salmonella:	Negative	ND	Current USP Method
Staphylococcus Aureus:	Negative	ND	Current USP Method

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Approved by: *Rajvidya Thaker* Date: 8/1/16

\* Skip Lot or Rotational Testing based on historical results and statistical analysis.

\*\* Verified by input, production process controls and Quality Assurance batch record review / approval to ensure finished product meets all applicable MMR product in-process specifications.