

# CERTIFICATE OF ANALYSIS

Product Name:	AstaFX Plus		
Product #:	PY084	Manufactured for: Purity Products	
Lot#:	171253		
Date Manufactured:	6/2017		
Product Description:	#0 Green/Green opaque vege capsule filled with yellowish/red oil/paste.		
Weight Variation:	(Current USP) – Target Weight: 0.6783 g	Average Weight: 0.5938 g	
Disintegration Time:	(Current USP) – Specification: NMT 30 minutes	Result: 15 minutes	
Reference:	B1163p101		

## ACTIVE INGREDIENTS

Ingredients	LC/2caps	Result	% of LC	Method
Astaxanthin	5.00 mg	5.00 mg	100.00	*
Carotenoid Co-Factor Blend Carrot Powder, Organic Spirulina, Spinach Powder, Lycopene Concentrate, Lutein (from Marigold flower extract) Zeaxanthin (from Marigold flower extract)	195.00 mg	195.00 mg	100.00	*
Bioperine® (Black pepper fruit extract)	5.00 mg	5.64 mg	112.75	HPLC

## INERT INGREDIENTS

Organic extra virgin olive oil, vegetable cellulose, vegetable wax, d-alpha tocopherol acetate, rosemary oil, and chlorophyllin.

## HEAVY METALS

Heavy Metal	Result/2caps	Method
Arsenic	ND	ICP-MS
Cadmium	0.013 mcg	ICP-MS
Lead	0.030 mcg	ICP-MS

## MICROBIOLOGY

Micro Study#171440	Specification	Result	Method
Total Plate Count:	NMT 10,000 CFU/g	50	Current USP Method
Yeast & Mold Count:	NMT 1,000 CFU/g	<10	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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\* 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.