



INNOVATION AND EXCELLENCE SINCE 1992

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: MACULA +
 SIZE, SHAPE, COLOR: 5, OVAL, DARKER CARAMEL Cust PO# 4882
 PRODUCT NO: TK-038 LOT NO: D91180256 /29698

ITEM	LABEL CLAIM	SPECIFICATION	RESULT
NutriMZ Carotenoid Mix	100 mg	NLT 100 mg	102 mg*
Zeaxanthin	2.5 mg	NLT 2.5 mg	2.6 mg*
Meso Zeaxanthin	2.5 mg	NLT 2.5 mg	2.6 mg*
Lutein	10 mg	NLT 10 mg	10 mg*
Astaxanthin	2 mg	NLT 2 mg	2 mg*
Cyanidin-3-Glucoside	4 mg	NLT 4 mg	4 mg*

*By Input

ALL INGREDIENTS IN DESCENDING ORDER
 Gelatin, Non-GMO Soybean Oil, Smart City M+, Glycerin, Purified Water, Astaxanthin, Caramel Liquid, Cyanidin-3-O-Glucoside, Non-GMO Soy Lecithin, Yellow Beeswax, Zeaxanthin, Titanium Dioxide.

SPECIFICATIONS		
Weight Variation	USP <2091> (±10%)	Pass
Rupture Test (Disintegration)	USP <2040> <1.5 minutes	6 minutes
Average Fill Weight	325 mg	332.6 mg
Average Shell Weight		320.6 mg
Average Gross Weight	616 mg	653.2 mg

MICROBIOLOGY	METHOD	SPECIFICATION	
Total Plate Count	USP<61>	<3000 cfu/g	<10 cfu/g
Mold and Yeast	AOAC	<300 cfu/g	<10 cfu/g
Coliforms	FDA(BAM)CH.4	<3.0 mpr/g	<3.0 mpr/g
Salmonella	USP<62>	Negative	Negative
Staphylococcus aureus	USP<62>	Negative	Negative
E. coli	USP<62>	Negative	Negative
Pseudomonas aeruginosa	USP<62>	Negative	Negative

The gelatin used to manufacture this product was processed with a method that does not exceed the standards set forth by the European Commission in October 1999. Gelatin processed in this manner has been proven safe from BSE in scientific studies conducted by the Institute of Animal Health in Edinburgh (Scotland), the Balvenc Research and Education Foundation (USA) and the ID-Lelystad (the Netherlands)

Manufacture Date: May 6, 2019
 Bulk Product Expires: May 6, 2022
 Manufactured in the USA