

Enhancing Eye Health

FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin are clinically proven ingredients to support health throughout life. FloraGLO® Lutein is the most researched lutein brand worldwide¹ and the gold-standard lutein source. Both FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin are ingredients that can be formulated into products supporting eye health, including eye health changes that often come with aging.



MARKET NEED FOR EYE HEALTH PRODUCTS

Age-related macular degeneration (AMD) is a leading cause of blindness. The number of individuals worldwide with AMD is projected to reach 288 million by 2040.² In addition, it has been estimated more than 68% of people 79 years and older have some form of cataract or lens clouding.³

SCIENCE-BACKED EYE HEALTH SOLUTIONS



FLORAGLO® LUTEIN: THE TRUSTED SOURCE

FloraGLO® Lutein was chosen by the US National Eye Institute for use in the Age-Related Eye Disease Study 2 (AREDS2), the largest lutein intervention trial to date to examine the effects of nutritional supplementation on AMD. FloraGLO® Lutein provides the same absorbable form of lutein as found in common foods like green leafy vegetables and eggs.

For more than 20 years, FloraGLO® Lutein has set the standard for efficacy, safety and quality of lutein.



**MOST
RESEARCHED**



**TRUSTED BY
DOCTORS**



**BLUE LIGHT
BRAND**



**SAFE FOR
BABIES**



**EXCELLENT
STABILITY**



**PROVEN
BIOAVAILABLE**



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Age-Related Eye Disease Study 2 and AMD

The Age-Related Eye Disease Study 2 (AREDS2), conducted by the US National Eye Institute, included over 4,000 individuals at-risk for progression to advance AMD in the 5-year trial. AREDS2 proved the effectiveness of 10 mg of lutein, using FloraGLO® Lutein as the lutein source, and 2 mg of zeaxanthin, in conjunction with vitamins C and E, zinc and copper, to lower the risk of AMD progression in an at-risk population.^{4,5} The findings reported:

- 10% additional reduction in risk of progression to advanced AMD in subjects taking lutein and zeaxanthin compared to no lutein and zeaxanthin.
- 18% reduction in risk of progression to advanced AMD in a head-to-head comparison to β -carotene.
- 26% reduction in risk of progression to advanced AMD beyond the effects of the previous standard of care in those with the lowest pre-study dietary intake of lutein and zeaxanthin, in a comparison of lutein and zeaxanthin versus no lutein and zeaxanthin.

As AMD advances, daily activities such as reading can become challenging. Eventually, AMD can result in central vision loss.⁶



HOW MUCH LUTEIN AND ZEAXANTHIN IS NEEDED?

The results of AREDS2 provided the guidance for 10 mg of lutein and 2 mg of zeaxanthin daily.⁵ Most people only get 10% of what they need from diet alone.⁸⁻¹⁴

Age-Related Eye Disease Study 2 and Cataract

In addition to AMD, AREDS2 examined cataract progression. When looking at subjects in the lowest dietary intake of lutein and zeaxanthin, those who received lutein and zeaxanthin supplementation (compared to those not supplemented) experienced a significant reduction in risk of progression:

- to cataract surgery (32% reduction),
- any cataract (30% reduction) or
- any severe cataract (36% reduction)⁷



FloraGLO® Lutein and ZeaONE®/OPTISHARP® Natural Zeaxanthin are **sourced from marigold flowers** and available in a variety of beadlet/powder and oil forms for applications such as capsules, tablets, gummies, chews, soft gels, beverages, dairy and other food products.

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