



**XANTHOGREEN®**  
Fast Acting Lutein Esters



**FAST-TRACK YOUR EYE HEALTH,  
AS NEVER BEFORE.**

## High Efficacy Specialty Lutein Esters

### Xanthogreen® Quick Facts:

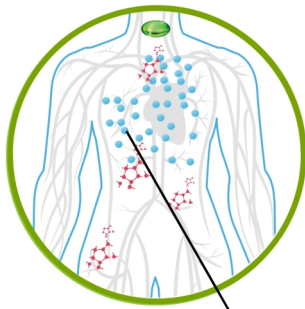
- Patented solvent free extraction (SCF - CO<sub>2</sub>)
- Rapid onset of action
- Superior efficacy
- Improves macular pigment optical density (MPOD)\*
- Helps improve visual acuity\*
- Proven mechanism of action
- Versatile application formats
- Clean label, Halal, Kosher, non-GMO and Vegan
- Fully backward integrated supply chain

\*These outcomes were statistically significant compared to placebo in the clinical study

Xanthogreen® is a clean label, clinically validated, patented specialty lutein ester (*thermodynamically stable and solvent free form of lutein*) ingredient from marigold flowers. Extracted through SCF (*Super Critical Fluid*) process using CO<sub>2</sub> and further formulated with proprietary technology platform, SCEMOD™ (*Super Critically Enabled Molecular Optimal Dispersion*) to offer an enhanced solubility of the ingredients to an extent of 20%, facilitating its better absorption and bio efficacy.

Xanthogreen® offerings are suited for versatile application formats, enabling formulators to produce shelf stable products. This allows consumers with choice of elevating their vision health naturally, and most effectively in a shorter span.

# An Innovative Approach for Enhanced Efficacy



## XANTHOGREEN®

**True Oil Solution**  
Readily converted into Nano emulsions for ready absorption and action in body

## SCEMOD™

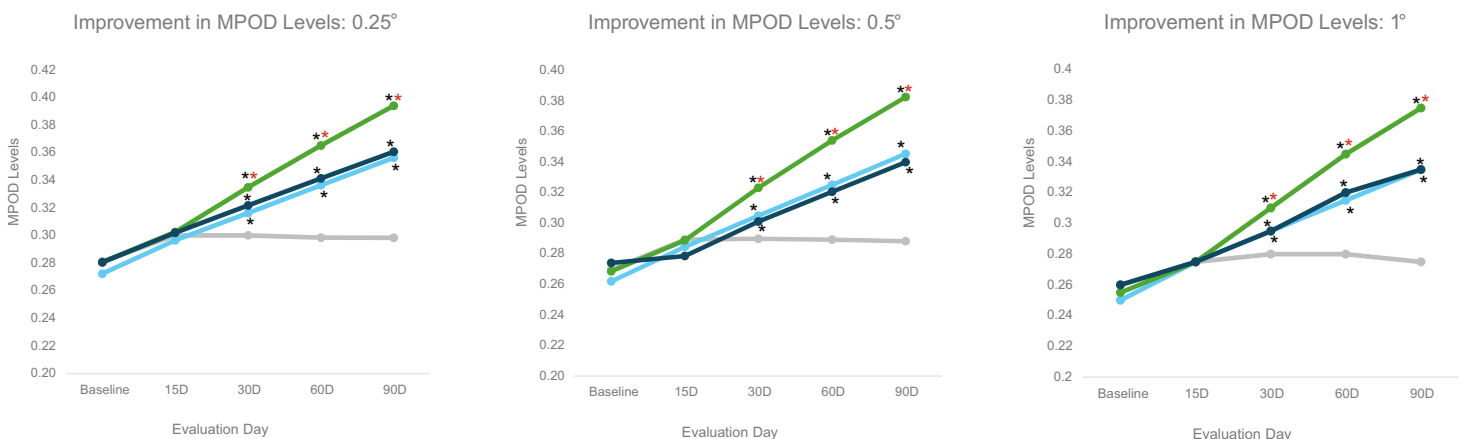
Proprietary technology allows lipophilic lutein esters to be converted into true oil solutions that are predominantly absorbed through the lymphatic system, with reduced first pass metabolism in liver promoting an increased and rapid retinal uptake.

## Fast Acting Lutein Esters

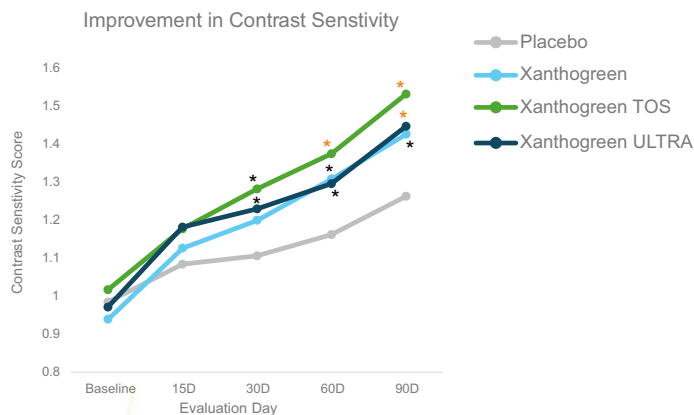
In a robust randomised placebo controlled clinical trial (n= 128) with 4 groups, different Xanthogreen® offerings were evaluated for improvement in macular pigment optical density (MPOD) levels and other eye health parameters such as eye contrast sensitivity, intra ocular pressure, etc., at regular intervals throughout the supplementation period of 3 months.

### Significant improvement in MPOD levels in as little as week 4 onwards

*Measured eccentric angles-0.25, 0.5 and 1 by flicker photometry*



### Significant improvement in contrast sensitivity



## XANTHOGREEN®

Available as  
Oil, Powder, Beadlet

Recommended Dose: 134-400mg



GUMMIES



SOFTGELS



RTMs



TABLETS/CAPSULES



BEVERAGE SHOTS

\* p<0.0001 against placebo \* p<0.00001 against placebo  
\* p<0.0001 against Xanthogreen® and Xanthogreen® ULTRA

THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION.  
THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.

Contact Ennature Biopharma for samples and more information.  
ennature@indiaglycols.com | www.ennaturebiopharma.com

© 2024 Ennature Biopharma. All rights reserved

  
**Ennature**  
BIOPHARMA

A DIVISION OF INDIA GLYCOLS LIMITED