

Active Lutein Liposome

Cat. No. EXTZ-613

Lot. No. (See product label)

Introduction

Description

Lutein is a natural carotenoid found in vegetables and fruits, and it is a major pigment constituting the macular region of the human retina. The human eye contains a high amount of lutein, which cannot be synthesized by the body and must be supplemented through dietary intake. Lutein can block blue light from sunlight, computers, and phone screens, alleviate eye fatigue and myopia, and prevent eye diseases such as cataracts and macular degeneration. If this element is deficient, the eyes can lose vision. Lutein is a fat-soluble compound, and the use of a nano delivery system to develop active lutein liposomes with a particle size of less than 30nm completely solves the solubility and stability issues of lutein. This allows lutein to be stably encapsulated within nano carriers, significantly increasing its absorption efficiency and bioavailability, and making the product suitable for aqueous systems.

Product Information

Form

Powder or liquid