

**SUMMARY OF SAFETY AND EFFECTIVENESS FOR
Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens for Daily Wear**

Submitter Information:

JUN - 7 2007

Company: INNOVA VISION INC.
No. 231-1, Wen-Te Road, Chiung-lin Village,
Hsin-Chu County, Taiwan.

Contact Person: Mr. Michael w. Hsu,
Executive Vice President

Phone: 886-3-592-7299

FAX: 886-3-592-6213

E-Mail: mikehsu@innovavision.com.tw

Date Prepared July. 25, 2006

Identification of Device:

Classification Name: Soft hydrophilic contact lens, per 21 CFR.
886.5925

Trade Name: Calaview Colors (Etafilcon A) Soft (hydrophilic)
Contact Lens for Daily Wear

Common or usual Name: Soft (hydrophilic) Contact lens (daily wear)

FDA Classification: Class II

Predicate Device:

ACUVUE 2 colours Brand	Discon (Etafilcon A) Soft (hydrophilic)
(Etafilcon A) Contact Lens cleared	Contact Lens for Daily Wear cleared
via K010114 Johnson & Johnson	via K051129 from Innova Vision Inc.,
Co. USA.	Taiwan.

Indications for Use

Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens is indicated for **daily wear** the correction of visual acuity in not-aphakic persons with non-diseased eyes that are myopic or hyperopic and may exhibit refractive astigmatism up to 2.00 diopters that does not interfere with visual acuity.

The eye care practitioner may prescribe the contact lens for frequent replacement wear, with cleaning, rinsing and disinfection and scheduled replacement **as prescribed by the eyecare professional**. The contact lens may be disinfected using chemical (not heat) disinfection system."

Description of Device

Calaview Colors Soft (hydrophilic) Contact Lens are available as non-spherical lenses manufactured by spin-casting method. The model illuminated with high water content ($58 \pm 1\%$). The hydrogel lens' material is a random copolymer composed of 2-hydroxyethyl methacrylate (HEMA) and methacrylic acid (MAA), which was cross-linked with 1,1,1-trimethylolpropane trimethacrylate (TMPTMA) and Ethylene Glycol Dimethacrylate (EGDMA) via UV photo-polymerization. The Calaview Colors Contact lens contains pigments around the non-optic area that will mask or enhance the color of the natural iris without blocking the light transmittance. The lens is colored with one or more of the FDA-approval color additives: iron oxides, titanium dioxide, phthalocyaninato copper, phthalocyanine green, vat orange 1. The Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens is available in the following opaque colors: Blue, green, violet, gray, hazel, white, yellow, gold, orange red and black. Lenses are supplied sterile in sealed blister packers containing sterile isotonic phosphate buffered saline solution. The compatibility and package integrity of the blister pack packaging system has been demonstrated and successfully used for other marketed lens products.

Summary of Clinical Study

The Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens were tested in 65 human eyes separately within 6 months. Nearly a hundred percent of the participants' vision was corrected and nearly all were satisfied with the lens wearing and care of lenses. In general, these products are good and safe for customers.

Calaview Colors lenses have been wide-used around the world, including Taiwan, China, Europe, etc. Among the users being daily worn the Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens, all the procedures were in generally stable condition without severe complication. There are no significant side effects and complaints to be observed.

Nonclinical Studies

A series of non-clinical performance tests were performed to demonstrate the safety and effectiveness of the Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens, and establish substantial equivalence to predicate lenses-Discon Lens (K051129); ACUVUE 2 colours Brand (Etafilcon A) Contact Lens (K010114). All testing was conducted in accordance with the May 1994 FDA guideline titled *Premarket Notification 510(K) Guidance Document for Class IV Contact lenses*, and in conformance to applicable device regulations. The evidence of substantial equivalent to the predicate lens described as follow:

a) Technological characteristics studies

There characterizations of Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens are equivalent and comparable to those of predicate lenses.

Characteristic	Calaview Colors	Acuvue Colors	Discon
%Water content	57 to 59	58	57 to 59
Refractive index	1.407	1.40	1.407
Specific Gravity	1.05	1.05	1.05
Oxygen permeability (edged corrected) @ 35°C	24×10 ⁻¹¹ [(cm ² /sec)(ml O ₂ /ml-mmHg)]	22.4×10 ⁻¹¹ [(cm ² /sec)(ml O ₂ /ml-mmHg)]	24×10 ⁻¹¹ [(cm ² /sec)(ml O ₂ /ml-mmHg)]
%Light Transmission	>93	>85	>93
Base Curve Radius, mm	8.00~9.00	7.85~10.00	8.00~9.00
Diameter, mm	13.8~14.2	12.0~15.0	13.8~14.2
Center Thickness, mm	0.08~0.20	0.06~1.00	0.08~0.20
Power, Diopters	+6.0D~-20.0D	+20.0D~-20.0D	+6.0D~-20.0D

b) Biocompatibility

In accordance with the May 1994 Guidance Document for daily wear contact lenses, toxicity studies have been conducted on the model: Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens. The Irritation test in the rabbit eye and Systemic toxicity studies indicate the extracts would be considered as non-toxic and nor irritated. The Cytotoxicity testing demonstrates the lens is not cytotoxic under the conditions of the study.

c) Microbiology

Steam sterilization process has been validated to deliver a minimum SAL of 10⁻⁶, thereby complying with the requirement of FDA Group IV. There is shelf-life stability data supporting that the lens remains sterile through the expiration date claimed for the product.

d) Leachability

Studies were conducted to determine the leachable materials from the finished lens. The results show that, at the levels of the detection reported, there are no leachable monomers and addictive residues.

Substantial equivalence Statement

Testing performed on the Calaview Colors Soft (hydrophilic) Contact Lens for Daily Wear indicated that it can support the efficiency and security use as well as the predicate devices- Discon (Etafilcon A) Soft (hydrophilic) Contact Lens for Daily Wear (K051129) & ACUVUE 2 colours Brand (Etafilcon A) Contact Lens (K010114), when used in accordance with the instructions for use. It is due to the facts that the risks and benefits of the subject device are the same as soft contact lenses for to the daily wear.

In conclusion, it is Innova's conviction that data submitted in this 510(k) to validate the claim of substantial equivalency, substantiates our ability to manufacture a soft contact lens, the Calaview Colors Soft (hydrophilic) Contact Lens, with the same established safety profile and effectiveness as the predicate device-- Discon (Etafilcon A) Soft (hydrophilic) Contact Lens for Daily Wear (K051129) & ACUVUE 2 colours Brand (Etafilcon A) Contact Lens (K010114).



Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Innova Vision, Inc.
c/o Ms. Jennifer Reich
Harvest Consulting Corp.
2904 N. Boldt Dr.
Flagstaff AZ 86001

JUN - 7 2007

Re: K062541

Trade/Device Name: Calaview Colors (etafilcon A) Soft Hydrophilic Contact Lens for Daily
Wear

Regulation Number: 21 CFR 886.5925

Regulation Name: Soft (hydrophilic) Contact Lens

Regulatory Class: Class II

Product Code: LPL

Dated: May 25, 2007

Received: May 30, 2007

Dear Ms. Reich:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

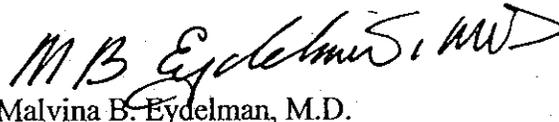
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "MB Eydelman, M.D.", written in a cursive style.

Malvina B. Eydelman, M.D.

Director

Division of Ophthalmic and Ear, Nose
and Throat Devices

Office of Device Evaluation

Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE STATEMENT

510(k) Number: K062541

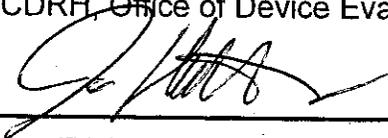
Device Name: Calaview Colors Soft (hydrophilic) Contact Lens for Daily Wear

Indications for Use:

Calaview Colors (Etafilcon A) Soft (hydrophilic) Contact Lens is indicated for **daily wear** the correction of visual acuity in not-aphakic persons with non-diseased eyes that are myopic or hyperopic and may exhibit refractive astigmatism up to 2.00 diopters that does not interfere with visual acuity.

The eye care practitioner may prescribe the contact lens for frequent replacement wear, with cleaning, rinsing and disinfection and scheduled replacement **as prescribed by the eyecare professional**. The contact lens may be disinfected using chemical (not heat) disinfection system."

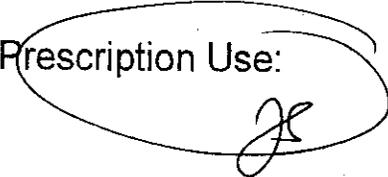
Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)

Division of Ophthalmic Ear,
Nose and Throat Devices

510(k) Number K062541

Prescription Use: 



or

Over the Counter Use