

TEST RESULTS and REPORT

for

**Ever Young Optical Hi-Tec.
Co., Ltd.**

O-EYO061407

by



COLTS Laboratories maintains A2LA accreditation to ISO/IEC 17025 for the tests listed on Certificate # 1612.01. Any tests not included on this certificate have been identified on the appropriate test result page.

- Results in this report only relate to the samples analyzed.
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- Unless otherwise requested, test samples will be discarded 60 days from the report date.

COLTS Laboratories

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A2LA Certificate #1612.01

Company: Ever Young Optical Hi-Tec. Co., Ltd.

O-EYO061407

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Authorizing Signature:  Lab Manager

Polarized Polycarbonate FSV Grey

**ANSI Z80.3-2001, 4.5.1 Refractive Power &
4.5.2 Astigmatic Power**

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

**ANSI Z80.3-2001, 4.5.1 Refractive Power & 4.5.2
Astigmatic Power**

Colts Internal Control Number:

0-EYO061407-01-01**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|-------------------------|----------------------------------|
| One sample group | | Material: | Polycarbonate | | Type: HC |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | | Comments: |
| Lens Type: | FSV | Report Date: | 7/5/2007 | | Polarized Polycarbonate FSV Grey |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | Lab Rh : | |

| Lens # | Refractive Power 4.5.1. | Astigmatic Power 4.5.2. | Pass / Fail |
|----------------------|-------------------------|-------------------------|-------------|
| O-EYO061407-01-01-01 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-01-02 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-01-03 | +0.010 | 0.030 | Pass |
| O-EYO061407-01-01-04 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-01-05 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-01-06 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-01-07 | +0.025 | 0.030 | Pass |
| O-EYO061407-01-01-08 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-01-09 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-01-10 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-01-11 | +0.020 | 0.025 | Pass |
| O-EYO061407-01-01-12 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-01-13 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-01-14 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-01-15 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-01-16 | +0.040 | 0.035 | Pass |
| O-EYO061407-01-01-17 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-01-18 | +0.025 | 0.035 | Pass |

*The refractive power of any meridian shall remain within +0.12 diopters or -0.25 diopters

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ANSI Z80.3-2001, 4.5.3 Prismatic Power

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

ANSI Z80.3-2001, 4.5.3 Prismatic Power

Colts Internal Control Number:

O-EYO061407-01-02**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|----------------------------------|----|
| One sample group | | Material: | Polycarbonate | | |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | | |
| Lens Type: | FSV | Report Date: | 7/5/2007 | | |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | Lab Rh : | 46 |
| | | | | Type: | HC |
| | | | | Comments: | |
| | | | | Polarized Polycarbonate FSV Grey | |

| Lens # | Prismatic Power 4.5.3 | Pass / Fail |
|----------------------|-----------------------|-------------|
| O-EYO061407-01-02-01 | 0.00 | Pass |
| O-EYO061407-01-02-02 | 0.00 | Pass |
| O-EYO061407-01-02-03 | 0.00 | Pass |
| O-EYO061407-01-02-04 | 0.00 | Pass |
| O-EYO061407-01-02-05 | 0.00 | Pass |
| O-EYO061407-01-02-06 | 0.00 | Pass |
| O-EYO061407-01-02-07 | 0.00 | Pass |
| O-EYO061407-01-02-08 | 0.00 | Pass |
| O-EYO061407-01-02-09 | 0.00 | Pass |
| O-EYO061407-01-02-10 | 0.00 | Pass |
| O-EYO061407-01-02-11 | 0.00 | Pass |
| O-EYO061407-01-02-12 | 0.00 | Pass |
| O-EYO061407-01-02-13 | 0.00 | Pass |
| O-EYO061407-01-02-14 | 0.00 | Pass |
| O-EYO061407-01-02-15 | 0.00 | Pass |
| O-EYO061407-01-02-16 | 0.00 | Pass |
| O-EYO061407-01-02-17 | 0.00 | Pass |
| O-EYO061407-01-02-18 | 0.00 | Pass |

* The prismatic power within an individual lens shall not exceed 0.25 prism diopters

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**EN 1836-2005 4.2.1 Unmounted Oculars
(Spherical & Astigmatic Power)**

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

**EN 1836-2005 4.2.1 Unmounted Oculars
(Spherical & Astigmatic Power)**

Colts Internal Control Number:

O-EYO061407-01-03**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|----------------------------------|----|
| One sample group | | Material: | Polycarbonate | Type: | HC |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | Comments: | |
| Lens Type: | FSV | Report Date: | 7/5/2007 | Polarized Polycarbonate FSV Grey | |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | | |

| Lens # | Spherical Power 4.2.1 | Astigmatic Power 4.2.1 | Pass / Fail |
|----------------------|-----------------------|------------------------|-------------|
| O-EYO061407-01-03-01 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-03-02 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-03-03 | +0.010 | 0.030 | Pass |
| O-EYO061407-01-03-04 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-03-05 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-03-06 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-03-07 | +0.025 | 0.030 | Pass |
| O-EYO061407-01-03-08 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-03-09 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-03-10 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-03-11 | +0.020 | 0.025 | Pass |
| O-EYO061407-01-03-12 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-03-13 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-03-14 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-03-15 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-03-16 | +0.040 | 0.035 | Pass |
| O-EYO061407-01-03-17 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-03-18 | +0.025 | 0.035 | Pass |

* The Permissible optical power values are + /- 0.09

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EN 1836-2005 4.2.1 Unmounted Oculars (Prismatic Power)

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

**EN 1836-2005 4.2.1 Unmounted Oculars
(Prismatic Power)**

Colts Internal Control Number:

O-EYO061407-01-04**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|----------------------------------|----|
| One sample group | | Material: | Polycarbonate | Type: | HC |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | Comments: | |
| Lens Type: | FSV | Report Date: | 7/5/2007 | Polarized Polycarbonate FSV Grey | |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | | |

| Lens # | Prismatic Power 4.2.1 | Pass / Fail |
|----------------------|-----------------------|-------------|
| O-EYO061407-01-04-01 | 0.00 | Pass |
| O-EYO061407-01-04-02 | 0.00 | Pass |
| O-EYO061407-01-04-03 | 0.00 | Pass |
| O-EYO061407-01-04-04 | 0.00 | Pass |
| O-EYO061407-01-04-05 | 0.00 | Pass |
| O-EYO061407-01-04-06 | 0.00 | Pass |
| O-EYO061407-01-04-07 | 0.00 | Pass |
| O-EYO061407-01-04-08 | 0.00 | Pass |
| O-EYO061407-01-04-09 | 0.00 | Pass |
| O-EYO061407-01-04-10 | 0.00 | Pass |
| O-EYO061407-01-04-11 | 0.00 | Pass |
| O-EYO061407-01-04-12 | 0.00 | Pass |
| O-EYO061407-01-04-13 | 0.00 | Pass |
| O-EYO061407-01-04-14 | 0.00 | Pass |
| O-EYO061407-01-04-15 | 0.00 | Pass |
| O-EYO061407-01-04-16 | 0.00 | Pass |
| O-EYO061407-01-04-17 | 0.00 | Pass |
| O-EYO061407-01-04-18 | 0.00 | Pass |

* The prismatic power within an individual lens shall not exceed 0.12 prism diopters

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**AS/NZ 1067-2003, 2.5.1 Spherical
and Cylindrical Power (Table 2)**

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

**AS/NZ 1067-2003, 2.5.1 Spherical and
Cylindrical Power (Table 2)**

Colts Internal Control Number:

O-EYO061407-01-05**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|-------------------------|----------------------------------|
| <i>One sample group</i> | | Material: | Polycarbonate | | Type: HC |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | | Comments: |
| Lens Type: | FSV | Report Date: | 7/5/2007 | | Polarized Polycarbonate FSV Grey |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | Lab Rh : | |

| Lens # | Spherical Power 2.5.1 | Astigmatic Power 2.5.1 | Pass / Fail |
|----------------------|-----------------------|------------------------|-------------|
| O-EYO061407-01-05-01 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-05-02 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-05-03 | +0.010 | 0.030 | Pass |
| O-EYO061407-01-05-04 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-05-05 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-05-06 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-05-07 | +0.025 | 0.030 | Pass |
| O-EYO061407-01-05-08 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-05-09 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-05-10 | +0.030 | 0.030 | Pass |
| O-EYO061407-01-05-11 | +0.020 | 0.025 | Pass |
| O-EYO061407-01-05-12 | +0.020 | 0.030 | Pass |
| O-EYO061407-01-05-13 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-05-14 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-05-15 | +0.030 | 0.035 | Pass |
| O-EYO061407-01-05-16 | +0.040 | 0.035 | Pass |
| O-EYO061407-01-05-17 | +0.035 | 0.040 | Pass |
| O-EYO061407-01-05-18 | +0.025 | 0.035 | Pass |

* The Permissible optical power values are + /- 0.09

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**AS/NZ 1067-2003,
2.5.3 Prismatic Power Unmounted (Table 3 Column 1)**

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**RESULTS
REPORT****Ever Young Optical Hi-Tec. Co., Ltd.**

Sample:

Polarized Polycarbonate FSV Grey

For Test:

**AS/NZ 1067-2003, 2.5.3 Prismatic Power
Unmounted (Table 3 Column 1)**

Colts Internal Control Number:

O-EYO061407-01-06**Sample Group Description**

| Samples | | Substrate/Material | | Coatings (Hard Coat,AR) | |
|-------------------------|----------------------------|----------------------|---------------|----------------------------------|----|
| One sample group | | Material: | Polycarbonate | Type: | HC |
| Manufacturer: | Ever Young Optical Hi-Tec. | Index of Refraction: | | Comments: | |
| Lens Type: | FSV | Report Date: | 7/5/2007 | Polarized Polycarbonate FSV Grey | |
| Lens density: | NA | Report Valid thru: | 1/5/2008 | | |
| Requested by: | Vanessa Lin | Lab Temp (°C) : | 24 | | |

| Lens # | Prismatic Power 2.5.3 | Pass / Fail |
|----------------------|-----------------------|-------------|
| O-EYO061407-01-06-01 | 0.00 | Pass |
| O-EYO061407-01-06-02 | 0.00 | Pass |
| O-EYO061407-01-06-03 | 0.00 | Pass |
| O-EYO061407-01-06-04 | 0.00 | Pass |
| O-EYO061407-01-06-05 | 0.00 | Pass |
| O-EYO061407-01-06-06 | 0.00 | Pass |
| O-EYO061407-01-06-07 | 0.00 | Pass |
| O-EYO061407-01-06-08 | 0.00 | Pass |
| O-EYO061407-01-06-09 | 0.00 | Pass |
| O-EYO061407-01-06-10 | 0.00 | Pass |
| O-EYO061407-01-06-11 | 0.00 | Pass |
| O-EYO061407-01-06-12 | 0.00 | Pass |
| O-EYO061407-01-06-13 | 0.00 | Pass |
| O-EYO061407-01-06-14 | 0.00 | Pass |
| O-EYO061407-01-06-15 | 0.00 | Pass |
| O-EYO061407-01-06-16 | 0.00 | Pass |
| O-EYO061407-01-06-17 | 0.00 | Pass |
| O-EYO061407-01-06-18 | 0.00 | Pass |

* The prismatic power within an individual lens shall not exceed 0.25 prism diopters

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