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# TEST REPORT

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|---|---|---|
| Applicant | : | EV Lighting Sdn. Bhd.<br>Lot 3508, Jalan Cyber 14,<br>Kawasan Perindustrian Senai IV,<br>81400 Senai, Johor<br>Malaysia |
| Sample/Trade Name | : | EVLN Down Light with Sterilization |
| Reference Standard / Method of Test | : | 1. OECD (2019), Reconstructed human Cornea-like Epithelium (RhCE) test method for identifying chemicals not requiring classification and labelling for eye irritation or serious eye damage –OECD Guidelines for Testing of Chemicals No. 492 (LWI-238-44)<br>2. Protocol for: *In Vitro* EpiOcular™ Eye Irritation Test (OCL-200-EIT) – Reconstructed Human Cornea-like Epithelium (RhCE) Model EpiOcular (OCL-200-EIT). For use with MatTek Corporation (LWI-238-44)<br>3. Laboratory Working Instruction in line with Manufacturer's Method of *In Vitro* EpiOcular™ Eye Irritation Test (OCL-200-EIT) – Reconstructed Human Cornea-like Epithelium (RhCE) Model EpiOcular (OCL-200-EIT). For use with MatTek Corporation (LWI-238-228) |
| Receipt of Sample Date | : | 28 February 2023 |
| Experimental Start Date | : | 15 March 2023 |
| Experimental End Date | : | 23 March 2023 |
| Job No. | : | J0316/23 |
| Issue Date | : | 11 April 2023 |

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## 10.0 CONCLUSION

Under the condition of this test, **EVLN Down Light with Sterilization** is considered as **Non-Irritant** to *in vitro* eye model EpiOcular™. The result showed that **EVLN Down Light with Sterilization** percentage of tissues viability is significantly higher than **EV Down Light without Sterilization** within 144 hours exposure period.

## 11.0 RETENTION OF RECORDS AND TEST ITEM

One report will be forwarded to the Sponsor. The other report, together with all generated raw data is maintained at the Industrial Biotechnology Research Centre Archives.

## 12.0 REFERENCES

12.1 OECD (2019), Reconstructed human Cornea-like Epithelium (RhCE) test method for identifying chemicals not requiring classification and labelling for eye irritation or serious eye damage –OECD Guidelines for Testing of Chemicals No. 492

12.2 Protocol for: In *Vitro* EpiOcular™ Eye Irritation Test (OCL-200-EIT) – Reconstructed Human Cornea-like Epithelium (RhCE) Model EpiOcular (OCL-200-EIT). For use with MatTek Corporation

12.3 (LWI-238-228) - (Laboratory Working Instruction in line with Manufacturer's Method of In Vitro EpiOcularTM Eye Irritation Test (OCL-200-EIT) – Reconstructed Human Cornea-like Epithelium (RhCE) Model EpiOcular (OCL-200-EIT). For use with MatTek Corporation




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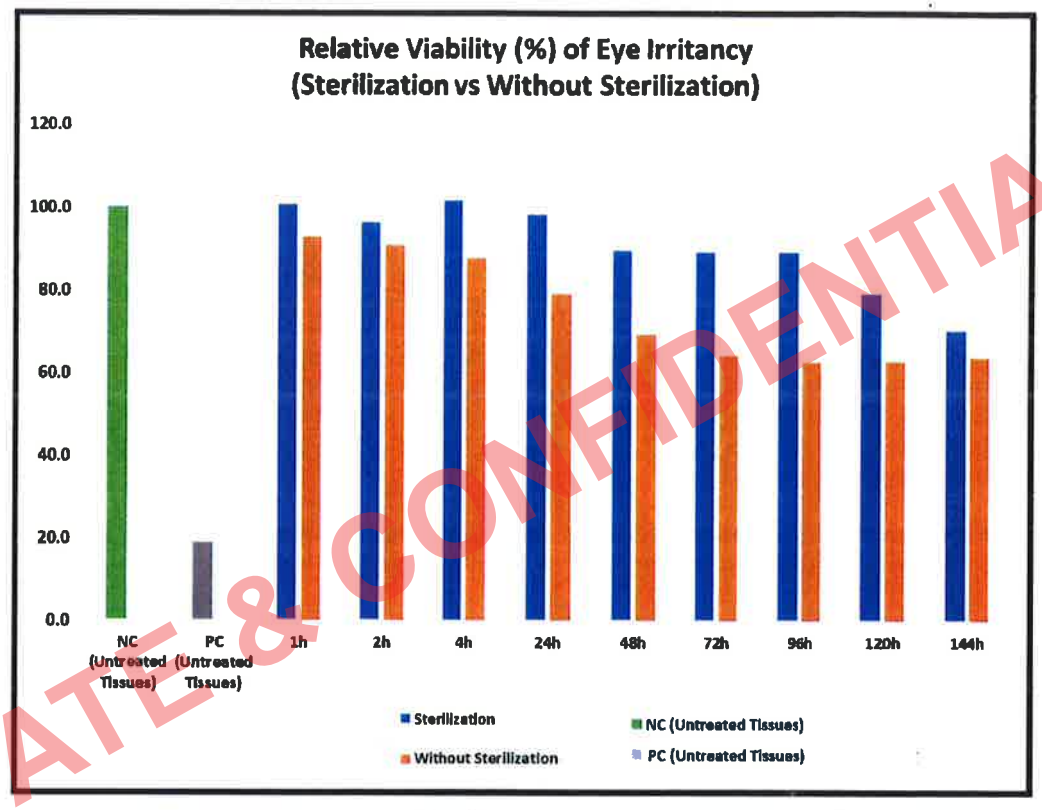


**Figure 1** Relative Viability

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