



# Certificate of Compliance

**Certificate:** 80067215

**Master Contract:** 169502

**Project:** 80067215

**Date Issued:** 2021-03-03

**Issued To:** Beckman Coulter Inc. - Brea  
250 S. Kraemer Blvd  
M/S C1.NW.02  
Brea, California, 92822  
United States

**Attention:** Bret Widdifield

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*

**Issued by:** Tony Nguyen  
Tony Nguyen



## PRODUCTS

CLASS - C872186 - ELECTRICAL LABORATORY EQUIPMENT Certified to US Standards

CLASS - C872106 - ELECTRICAL LABORATORY EQUIPMENT

Bioreactor Micro-fermentation System, BioLector model G-BL".", Rated 24 VDC, 11.67 A, and Valve Control Unit, Rated 24 VDC, 5 A. Supplied by external certified AC/DC power supplies.

The "." in the model designation may be any alphanumeric character or blank, denoting minor mechanical options, minor system configuration options such as being automation ready, and/or minor SELV circuit options, all not affecting safety.



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Notes:

1. The above model is cord connected, Equipment Class 1, Pollution Degree 2, Overvoltage Category II.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: 15°C to 25°C, 2000 m max, < 80% relative humidity, non-condensing.

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

CSA C22.2 No. 61010-2-081:19

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-081:

Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes

UL 61010-1, 3rd edition (2012), AMD1: 2018

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL 61010-2-081, 3rd Edition

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-081:

Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80067215	2021-03-03	C/US Certification of Bioreactor Micro-fermentation System, BioLector model G-BL”.” and Valve Control Unit.