

# Certificate



# TÜVRheinland®

Precisely Right.

Qualified  
Laboratory

TUV Rheinland of North America Inc.  
hereby qualifies that

## **Hermon Laboratories**

Hatachana Street  
Binyamina, 30500  
Israel

**Product Safety Testing Laboratory**

has been designated as a Qualified Laboratory for safety testing of:

- Standards: *See Appendix 1.*
- Follow Up Inspections.*

Under the **Partner Test Laboratory Program**.

An evaluation was performed against the requirements of QP 101712.

A handwritten signature in black ink, appearing to be "C. Jay", written over a horizontal line.

PTL Program Manager

Valid until 31<sup>st</sup>, May, 2012

# Certificate



## Appendix 1 – Scope of Accreditation

Hermon Laboratories

### Test Technology

#### *Product Safety*

Information technology equipment

Equipment to be connected to  
telecommunication network  
Audio, video and similar electronic  
apparatus

### Test Method

EN 60950:00  
UL 60950: 3 rd Ed.  
CAN/CSA-C22.2 NO.60950-03  
AS/NZS 60950:00 + A1:03  
IS 1121:98  
IEC 60950-1:01  
EN 60950-1:01 + A11:04  
IEC 60950-1:05  
EN 60950-1:06  
ANSI/UL 60950-1-2007 Second edition  
CAN/CSA-C22.2 No. 60950-1:07  
AS/NZS 60950.1:03 +  
A1:06+A2(08)+A3(08)  
IS 60950 part 1:03  
IEC 60950-21:02  
EN 60950-21:03  
UL 60950-21:03, UL 60950-21:07  
IEC 60950-22: 1<sup>st</sup> ed.  
EN 60950-22:06  
UL 60950-22:07  
UL 50:07  
EN 41003: 99  
  
IEC60065:01 + A1:05  
EN 60065:02+A1:06  
UL 60065:07  
AS/NZS 60065:03+A1:08

# Certificate



## Appendix 1 – Scope of Accreditation

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Household and similar electrical  
appliances

EN 60335-  
1:02+A1(04)+A11(04)+A12(06)+A2:06  
IEC 60335-1: 01 + A1:04 + A2:06  
AS/NZS 60335.1:02 + A1:04+A2:07+A3:07  
UL 60335-1:04  
IS 900:94;  
EN 60335-2-2:2003 +A1:04 +A2:06  
IEC 60335-2-2:2002+A2:06  
EN 60335-2-6:2003 +A1:05  
IEC 60335-2-6:2002+A1:04  
EN 60335-2-17:2002 +A1:06  
IEC 60335-2-17:2002+A1:06  
EN 60335-2-23:2003  
IEC 60335-2-23:2003  
EN 60335-2-24:2003 +A11:04 +A1:05  
+A2:07  
IEC 60335-2-24:2002+A1:05+A2:07  
EN 60335-2-36:2002 +A1:04  
IEC 60335-2-36:2002+A1:04  
EN 60335-2-41:2003 +A1:04  
IEC 60335-2-41:2002+A1:04  
EN 60335-2-60:2003 +A1: 05  
IEC 60335-2-60:2002+A1: 04  
EN 60335-2-75:2004 +A1:05 +A11:06  
IEC 60335-2-75:2002+A1:04  
EN 60335-2-96:2002 +A1:04  
IEC 60335-2-96:2002+A1:03

# Certificate



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Electrical equipment for measurement, control, and laboratory use	EN 61010-1:01 IEC 61010-1:01 + Corr1:02 + Corr2:03 UL 61010-1:04, Ed. 2 :08 UL 61010A-1:02 1st Ed UL 61010B-1:03 UL 61010C-1 CAN/CSA-C22.2 No. 61010-1:04 AS 61010.1:03 IS 61010 part 1:02 UL 61010A-2-031 UL 61010B-2-041
Heating of material	EN 61010-2-010:2003 IEC 61010-2-010:2003
Sterilizers and washer-disinfectors used to treat medical materials	EN 61010-2-040:2005 IEC 61010-2-40:2005
Vitro diagnostic (IVD) medical equipment	IEC 61010-2-101:2002 EN 61010-2-101:2002
Automatic electrical controls for household and similar use	EN 60730-1:00 + A1:04 + A12:03 + A13:04 + A14:05+A15:07 UL 60730-1A:02 EN 60730-2-8:95+ A1:97+A2:97 EN 60730-2-9 + A1:96 + A11:97 + A2:97 IEC 60825-1:93 + A1:97 + A2:01 EN 60825-1:94+A1:02+A2:01 IEC 60825-1:07 EN 60825-1:07 IEC 60825-2:04+A1:06 EN 60825-2:04+A1:07 21 CFR 1040 UL 963:06
Laser products	
Sealing, Wrapping, and Marking Equipment	
Power Units	
Power Units Other Than Class 2	UL 1012:05
Burglar-Alarm Systems, Household	UL 365:05
Burglar-Alarm System Units	UL 603:08 UL 609:05 UL1023:04 UL 1076:05 UL 1610:05 UL 1637:06
Alarm Units and Systems	UL 636:08 UL 985:08 UL 1635:05

# Certificate



## Appendix 1 – Scope of Accreditation

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Intrusion-Detection Units  
Antitheft Alarms and Devices

UL 639:07  
UL1037:04

Luminaires — Part 1:  
General requirements and tests

IEC 60598-1: 03+A1:06  
EN 60598-1:2000+A11:00+A12:02  
EN 60598-1:2004 +A1:06

Luminaires – Part 2:  
Fixed general purpose luminaires

EN 60598-2-1:79

# Certificate



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Medical electrical equipment

IEC 60601-1:88 + A1:91 + A2:95  
IEC 60601-1:05  
EN 60601-1:90 + A1:93 + A11:93 + A12:93  
+ A2:95 + A13:96  
EN 60601-1:06  
UL 60601-1:03  
IEC 60601-1-1:00  
EN 60601-1-1:01  
IEC 60601-1-3:94  
EN 60601-1-3:94  
IEC 60601-1-4:96+A1:99  
EN 60601-1-4:96+A1:99

Selected clauses (19.1, 19.2, 20.3, 20.4, 42,  
43, 44, 52.201, 57.10)

IEC 60601-2-2:2006 (selected clauses)  
EN 60601-2-2:2007 (selected clauses)  
IEC 60601-2-10:1987+A1:01  
EN 60601-2-10:00 + A1:01  
IEC 60601-2-12:2001  
EN 60601-2-12:2006  
IEC 60601-2-18:1996 +A1:00  
EN 60601-2-18:1996 +A1:00  
IEC 60601-2-19:1990 + A1:96  
EN 60601-2-19:1996 + A1:96  
IEC 60601-2-22:1995  
EN 60601-2-22:1996  
IEC 60601-2-23:1999  
EN 60601-2-23:2000  
IEC 60601-2-24:1998  
EN 60601-2-24:1998  
IEC 60601-2-25:1993+A1:99  
EN 60601-2-25:1995+A1:99  
IEC 60601-2-27:2005  
EN 60601-2-27:2006  
IEC 60601-2-30:1999  
EN 60601-2-30:2000  
IEC 60601-2-34:2000  
EN 60601-2-34:2000  
IEC 60601-2-35:1996  
EN 60601-2-35:1996  
IEC 60601-2-37:2007  
EN 60601-2-37:2001+A1:05+A2:05  
EN 60601-2-37:2008  
IEC 60601-2-38:1996+A1:1999  
EN 60601-2-38:1996 +A1:2000

(evaluation of the customer protocols)  
(evaluation of the customer protocols)  
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# Certificate



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Hermon Laboratories

Lung ventilators, Pulse oximeters	EN 794-1:97 + A1:02, ISO 10651-1:93, IEC 60601-2-12:01, ISO 10651-2:04, ISO 10651-3:97, EN/ISO 9919:05, ASTM F1415:00
Electrical apparatus for potentially explosive atmospheres Safety of machinery	EN 60079-0:04 EN 50020:02 EN 60204-1:97, EN 60204-1:06, IEC 60204-1:05, EN ISO 12100-1:03, EN ISO 12100-2:03, EN 1037:95+A1:08, EN 1088:95+A1:07, EN 1837:99, EN ISO 13857:08 EN ISO 7731:05, EN 547-1:96, EN 547-2:96, EN 547-3:96, EN 563:94 +A1:99, EN 61310-1:95, EN 61310-2:95, EN 61310-3:99, EN 614-1:06, EN 614-2:00, EN 842:96, EN 894-1:97, EN 894-2:97, EN 983:96, EN 999:98, EN ISO 7250:98, EN 894-2:00, EN 953:97, EN 981:96, EN 982:96
Electronic equipment for use in power installations Semiconductor manufacturing equipment	EN 50178:97 SEMI S2-0200E, SEMI S2-0706, SEMI S8-0701, SEMI S9-1101, SEMI S14; SEMI S10, SEMI S22 SEMI S23-0705
<b>Fire Resistance and flammability</b>	
Test for Flammability of Plastic Materials for Parts in Devices and Appliances	UL 94:06
<b>Rain or water (immersion), dust and salt fog</b> Environmental testing. Part 2: Tests – Test Ka: Salt mist	IEC 60068-2-11: 81 + CRGD 99

# Certificate



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Environmental testing – Part 2: Tests – Test R and guidance: Water	IEC 60068-2-18:00
Environmental testing. Part 2: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	IEC 60068-2-52:96
Degrees of protection provided by enclosure (IP code)	IEC 60529:01