CERTIFICATE OF COMPLIANCE

Certificate Number	20161109-E311966
Report Reference	E311966-A8-UL
Issue Date	2016-NOVEMBER-09
Issued to:	Thermo Electron LED GmbH ZWEIGNIEDERLASSUNG OSTERODE AM KALKBERG 37520 OSTERODE AM HARZ GERMANY
This is to certify that representative samples of	LABORATORY-USE ELECTRICAL EQUIPMENT Centrifuge MISTT R / MISTT FR Heraeus Megafuge 8R / Heraeus Megafuge 8FR Sorvall ST 8R / Sorvall ST 8FR Thermo Scientific SL 8R / Thermo Scientific SL 8FR Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 61010-1 and CAN/CSA C22.2 NO. 61010-1 Safety Requirements For Electrical Equipment For Measurement, Control, And Laboratory Use — Part 1: General Requirements.
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by Carl Fischer

3. acting in the capacity of Director, Division of International Compliance Operations

4. bears the seal/stamp of U. S. Department of Health and Human Services

Certified

5. at Washington, D.C.

6. the seventeenth of January, 2017

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 17015045-6

9. Seal/Stamp:

10. Signature:

Zelda Daley

Colombia

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

Certificate No. 5240-5-2016

CERTIFICATE TO FOREIGN GOVERNMENT

In order to allow the importation of United States products into foreign countries, the U.S. Food and Drug Administration (FDA) certifies the following information concerning the product(s) to be exported listed below:

Name of Product(s)

See Attached List

(Two Pages)

Name of Manufacturer/Distributor, Address

See Attached List

(One Page)

The product(s) described above (and the manufacturing/distribution site(s) which produces/distributes it) is subject to the jurisdiction of the FDA under the Federal Food, Drug, and Cosmetic Act.

It is certified that the above device product(s) may be marketed in, and legally exported from, the United States of America at this time. While the manufacturing plant(s) in which the device product(s) is produced is subject to inspection, FDA does not routinely inspect manufacturing firms that only make Class 1 medical devices. However, the firm has certified that it is currently operating in substantial compliance with current good manufacturing practice requirements for the device product(s) listed above.

Carl Fischer, Ph.D.
Director
Division of International Compliance Operations
Office of Compliance
Center for Devices and Radiological Health

This certificate is valid from May 24, 2016 to May 23, 2018.

DEPARTMENT OF HEALTH & HUMAN SERVICES · USA ·

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DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

Certificate No. 5240-5-2016

Certificate to Foreign Government - Name of Manufacturer/Distributor Attachment Page 1 of 1

Name of Manufacturer

THERMO ELECTRON LED GmbH
AM KALKBERG
OSTERODE, Niedersachsen GERMANY 37520

Name of Distributor

THERMO FISHER SCIENTIFIC (ASHEVILLE) LLC
275 Aiken Rd
ASHEVILLE, NC USA 28804

----END OF MANUFACTURER/DISTRIBUTOR LIST----



Certificate No. 5240-5-2016

Certificate to Foreign Government - Name of Product(s) Attachment Page 1 of 2

Name of Manufacturer

THERMO ELECTRON LED GmbH
AM KALKBERG
OSTERODE, Niedersachsen GERMANY 37520

Name of Distributor

THERMO FISHER SCIENTIFIC (ASHEVILLE) LLC
275 Aiken Rd
ASHEVILLE, NC USA 28804

Name of Product(s)

Clinifuge Centrifuge (75003539)
Fisher Scientific accuSpin 24C (75007240)
Fisher Scientific accuSpin 8C (75008821)
Fisher Scientific accuSpin Micro (75002461, 75002463)
Fresco 17 Microcentrifuge (75002402, 75002420, 75002421, 75002423)
Fresco 21 Microcentrifuge (75002425, 75002426)
Labofuge 200 Centrifuge (75003631)
Labofuge 300 Centrifuge (75003231)
Labofuge 400 Centrifuge (75008157)
Labofuge 400R Centrifuge (75008164)
Legend Micro 17 Microcentrifuge (75002430, 75002431, 75002433, 75002493, 75002494)
Legend Micro 17R Microcentrifuge (75002440, 75002441)
Legend Micro 21 Microcentrifuge (75002435, 75002436)
Legend Micro 21R Microcentrifuge (75002445, 75002446)
Legend X1 Centrifuge (75004220, 75004221)
Legend X1R Centrifuge (75004260, 75004261)
Megafuge 16 Centrifuge(75004231, 75004230)
Megafuge 16R Centrifuge (75004271)
Megafuge 8 Centrifuge (75007210)
Megafuge 8R Centrifuge (75007213)
Micro 17 Microcentrifuge (75002430)
Micro 17R Microcentrifuge (75002440)
Micro 21 Microcentrifuge (75002435)
Micro 21R Microcentrifuge (75002445)
MicroCL 17 (75002449, 75002450, 75002451, 75002495, 75002496)
MicroCL 17R (75002455, 75002456)
MicroCL 21 Microcentrifuge (75002466)
MicroCL 21R Microcentrifuge (75002470, 75002471)
Multifuge X1 Centrifuge (75004211)
Multifuge X1R Centrifuge (75004251)
Pico 17 Microcentrifuge (75002410, 75002411, 75002492)
Pico 21 Microcentrifuge (75002415, 75002416)
SL 16 Centrifuge (75004000, 75004001)
SL 16R Centrifuge (75004030, 75004031)
SL 8 Centrifuge (75007220)
SL 8R Centrifuge (75007223)
Sorvall BIOS 16 (75007685, 75007697)
Sorvall HT-6 (11178191)
Sorvall Lynx Superspeed Centrifuge Lynx 4000 (75006580)
Sorvall Lynx Superspeed Centrifuge Lynx 6000 (75006590)
ST 16 Centrifuge (75004240, 75004241)
ST 16R Centrifuge (75004380, 75004381)
ST 8 Centrifuge (75007200)
ST 8R Centrifuge (75007203)
Thermo Scientific Heraeus Cryofuge 16 (75007673, 75007674)
Thermo Scientific Heraeus CRYOFUGE 5500i (75004475, 75004479)
Thermo Scientific Heraeus Cryofuge 8 (75007671, 75007672)

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Certificate No. 5240-5-2016

Certificate to Foreign Government - Name of Product(s) Attachment Page 2 of 2

Thermo Scientific Heraeus Megafuge 40 Centrifuge (75004504)
Thermo Scientific Heraeus Megafuge 40R Centrifuge (75004519, 75004518)
Thermo Scientific Heraeus Multifuge X3 Centrifuge (75004501)
Thermo Scientific Heraeus Multifuge X3F Centrifuge (75004531)
Thermo Scientific Heraeus Multifuge X3FR Centrifuge (75004537)
Thermo Scientific Heraeus Multifuge X3R Centrifuge (75004516, 75004515)
Thermo Scientific KR4i Centrifuge (11178162)
Thermo Scientific Medifuge (75008801)
Thermo Scientific SL 40 Centrifuge (75004513)
Thermo Scientific SL 40F Centrifuge (75004544)
Thermo Scientific SL 40FR Centrifuge (75004545)
Thermo Scientific SL 40R Centrifuge (75004527, 75004528)
Thermo Scientific Sorvall BP16 (75007683, 75007695)
Thermo Scientific Sorvall BP8 (75007681, 75007689)
Thermo Scientific Sorvall Legend XF Centrifuge (75004532, 75004533)
Thermo Scientific Sorvall Legend XFR Centrifuge (75004539)
Thermo Scientific Sorvall Legend XT Centrifuge (75004505, 75004506, 75004508)
Thermo Scientific Sorvall Legend XTR Centrifuge (75004520, 75004521, 75004523)
Thermo Scientific Sorvall RC 12BP Plus Centrifuge (75007030)
Thermo Scientific Sorvall RC3BP Plus (75007530, 75007533)
Thermo Scientific Sorvall RC-4 Centrifuge (75004473, 75004477, 75004481)
Thermo Scientific Sorvall ST 40 Centrifuge (75004509, 75004510)
Thermo Scientific Sorvall ST 40R Centrifuge (75004524, 75004525)
----------END OF PRODUCT LIST----------

Ref. Certif. No.

DK-37750-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	Centrifuge MISTT R
Name and address of the applicant Nom et adresse du demandeur	THERMO ELECTRON LED GMBH WERK OSTERODE AM KALKBERG 37520 OSTERODE AM HARZ GERMANY
Name and address of the manufacturer Nom et adresse du fabricant	THERMO ELECTRON LED GMBH WERK OSTERODE AM KALKBERG 37520 OSTERODE AM HARZ GERMANY
Name and address of the factory Nom et adresse de l'usine Note: *When more than one factory, please report on page 2* Note: *Lorsque il y plus d'une usine, veuillez utiliser la 2ème page*	THERMO ELECTRON LED GMBH WERK OSTERODE AM KALKBERG 37520 OSTERODE AM HARZ GERMANY ☐ Additional Information on page 2
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	Heraeus Megafuge 8R, 220-230V, 50/60 Hz, 4A, 750W Sorvall ST 8R, 220-230V, 50/60 Hz, 4A, 750W Thermo Scientific SL 8R, 220-230V, 50/60 Hz, 4A, 750W
Trademark (if any) Marque de fabrique (si elle existe)	None
Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur	SMT
Model / Type Ref. Ref. De type	Heraeus Megafuge 8R, Sorvall ST 8R, Thermo Scientific SL 8R
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2ème page	National Differences specified in the CB Test Report. ☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 61010-1(ed.2), IEC 61010-2-020(ed.2), IEC 61010-2-101(ed.1)
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	E311966-A8-CB-1 issued on 2014-03-24

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2014-03-24

Signature:

Jan-Erik Storgaard

Biocontainment Certificate

Health Protection Agency
Microbiology Services
Porton Down
Salisbury
Wiltshire
SP4 0JG

Certificate of Containment Testing

Containment Testing of 75005702 Bucket and 75005707 Cap in a Swing-out Rotor in a Thermo Scientific Centrifuge

Report No. 194-12 E

Report Prepared For: Thermo Fisher Scientific
Issue Date: 31st October 2012

Test Summary

A 75005702 bucket and 75005707 cap in a swing-out rotor was containment tested in a Thermo Scientific centrifuge at 4,500 rpm, using Annex AA of IEC 61010-2-020:2006 (2nd Ed.). The sealed rotor was shown to contain all contents.

Report Written By	Report Authorised By
Anna May	
Name: Ms Anna Moy	Name: Mrs Sara Speight
Title: Biosafety Scientist	Title: Senior Biosafety Scientist

Thermo Scientific is a trademark of Thermo Fisher Scientific and is registered with the USPTO.