

N° 2009/35920.9

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AFNOR Certification certifie que le système de management mis en place par :
AFNOR Certification certifies that the management system implemented by:

Conseil de l'Europe – Direction Européenne de la Qualité du Médicament et Soins de Santé

pour les activités suivantes :
for the following activities:

EVALUATION DES DOSSIERS DE DEMANDE DE CERTIFICATS DE CONFORMITE AUX MONOGRAPHIES DE LA PHARMACOPEE EUROPEENNE ET GESTION DU PROGRAMME D'INSPECTION DES SITES DE FABRICATION ET DES DISTRIBUTEURS ASSOCIES. PROGRAMMATION, MISE EN ŒUVRE ET COORDINATION DES ETUDES DE SURVEILLANCE DU MARCHÉ DES MEDICAMENTS ET GESTION DE BASES DE DONNEES ASSOCIEES. COORDINATION DE L'ELABORATION ET DE LA DIFFUSION DES LIGNES DIRECTRICES RELATIVES A LA PROCEDURE OCABR POUR LA LIBERATION DE LOTS DE VACCINS A USAGE HUMAIN ET DE MEDICAMENTS DERIVES DU SANG ET DE PLASMA HUMAIN. GESTION DE L'ELABORATION, DES REVISIONS, DES CORRECTIONS ET DES SUPPRESSIONS DES TEXTES DE LA PHARMACOPEE EUROPEENNE, LEUR PUBLICATION EN FORMAT IMPRIME ET ELECTRONIQUE AINSI QUE LEUR DISTRIBUTION. CONDUITE DES ETUDES DE LABORATOIRE. ETABLISSEMENT, FABRICATION, STOCKAGE, MISE A DISPOSITION ET SUIVI DES ETALONS DE REFERENCE DE LA PHARMACOPEE EUROPEENNE.

EVALUATION OF APPLICATIONS FOR CERTIFICATES OF SUITABILITY TO THE MONOGRAPHS OF THE EUROPEAN PHARMACOPOEIA AND MANAGEMENT OF THE INSPECTION PROGRAMME OF MANUFACTURING SITES AND ASSOCIATED BROKERS. PLANNING, IMPLEMENTATION AND COORDINATION OF POST-MARKETING SURVEILLANCE STUDIES FOR MEDICINAL PRODUCTS AND MANAGEMENT OF RELATED DATABASES. COORDINATION OF THE ELABORATION AND ISSUANCE OF GUIDELINES RELATED TO THE OCABR PROCEDURE FOR THE RELEASE OF BATCHES OF HUMAN VACCINES AND MEDICINAL PRODUCTS DERIVED FROM HUMAN BLOOD AND PLASMA. MANAGEMENT OF THE ELABORATION, REVISION, CORRECTION AND SUPPRESSION OF EUROPEAN PHARMACOPOEIA TEXTS, THEIR PUBLICATION IN PRINTED AND ELECTRONIC FORMAT, AS WELL AS THEIR DISTRIBUTION. CONDUCT OF LABORATORY STUDIES. ESTABLISHMENT, MANUFACTURING, STORAGE, PROVISION AND MONITORING OF EUROPEAN PHARMACOPOEIA REFERENCE STANDARDS.

a été évalué et jugé conforme aux exigences requises par :
has been assessed and found to meet the requirements of:

ISO 9001 : 2015

et est déployé sur les sites suivants :
and is developed on the following locations:

Siège : 7 ALLEE KASTNER CS 30026 FR-67081 STRASBOURG CEDEX

Ce certificat est valable à compter du (année/mois/jour)
This certificate is valid from (year/month/day)

2022-06-17

Jusqu'au
Until

2024-12-20

SignatureFournisseur



Julien NIZRI
Directeur Général d'AFNOR Certification
Managing Director of AFNOR Certification

Flashez ce QR
Code pour vérifier la
validité du certificat

Seul le certificat électronique, consultable sur www.afnor.org, fait foi en temps réel de la certification de l'organisme. The electronic certificate only, available at www.afnor.org, attests in real-time that the company is certified. Accreditation COFRAC n° 4-0001, Certification de Systèmes de Management. Portée disponible sur www.cofrac.fr.
COFRAC accreditation n° 4-0001, Management Systems Certification. Scope available on www.cofrac.fr.
AFAQ est une marque déposée. AFAQ is a registered trademark - CERTIF 0956.9/07-2020



Standard Compliance Certificate



This is to certify that

LGC GmbH

Louis-Pasteur-Straße 30
14943 Luckenwalde
Germany

has implemented and maintains a management system according to

**EXCiPACT® 2021 Certification Standard for
Pharmaceutical Excipient Suppliers:**

Good Manufacturing Practices Good Distribution Practice

The certificate is only valid in conjunction with a valid ISO 9001 certificate

Scope:

Development, production and distribution of chemical reference materials as typically used for pharmaceutical products.

Certificate registration no.	102448 EXCI
Valid from	2024-07-31
Valid until	2027-07-30
Date of certification	2024-07-25



www.excipact.org

DQS GmbH

Christian Gerling
Managing Director



Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the reference material producer

LGC GmbH

Louis-Pasteur-Straße 30, 14943 Luckenwalde

meets the requirements according to DIN EN ISO 17034:2017 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the reference material producer, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO 17034 are written in the language relevant to the operations of reference material producers and they conform to the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 17.01.2024 with accreditation number D-RM-14176-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the accreditation certificate: **D-RM-14176-01-00**

Berlin, 17.01.2024

Dr. Olga Lettau
Head of Technical Unit

Translation issued:
17.01.2024



Dr. Olga Lettau
Head of Technical Unit

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The Deutsche Akkreditierungsstelle GmbH (DAkKS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkKS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkKS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-RM-14176-01-00 according to DIN EN ISO 17034:2017

Valid from: 17.01.2024

Date of issue: 17.01.2024

Holder of accreditation certificate:

LGC GmbH
Louis-Pasteur-Straße 30, 14943 Luckenwalde

with the locations

LGC GmbH
Louis-Pasteur-Straße 30, 14943 Luckenwalde

LGC GmbH
Im Biotechnologiepark 3 (TGZ II), 14943 Luckenwalde

LGC GmbH
Im Biotechnologiepark 7 (TGZ III), 14943 Luckenwalde

The reference material producer meets the requirements of DIN EN ISO 17034:2017 to carry out the conformity assessment activities listed in this annex. The reference material producer meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO 17034 are written in the language relevant to the operations of reference material producers and they conform to the principles of DIN EN ISO 9001.

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

Abbreviations used: see last page

Page 1 of 3

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-RM-14176-01-00

Reference material production in the fields:

reference materials and certified reference materials for organic neat compounds and mixtures thereof including salts thereof (e. g. pharmaceutically or forensically relevant substances);
reference materials and certified reference materials in the form of single component and multi component solutions of organic neat compounds including salts thereof (e. g. pharmaceutically or forensically relevant substances)

The reference material producer maintains an up-to-date list of certified reference materials in the accredited area

1 Reference materials for organic neat compounds and mixtures as well as their solutions

Product	Characteristic	Range	Characterization strategy
Pure Organic Substances	Identity	-----	a), b) or d)
	Content	≥ 90 % m/m	a), b) or d)
Solid mixtures of organic substances	Identity	-----	a), b) or d)
	Content	Each single component ≥ 0,5% m/m	a), b), d) or e)
Pure organic substances in the form of single and multi-component solutions	Concentration	0,005 – 10 g/l	b), d) or e)

Valid from: 17.01.2024

Date of issue: 17.01.2024

Page 2 of 3

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-RM-14176-01-00

2 Certified reference materials for organic neat compounds and mixtures as well as their solutions

Product	Characteristic	Range	Characterization strategy
Pure Organic Substances	Identity	-----	a), b) or d)
	Content	≥ 90 % m/m	a), b) or d)
Solid mixtures of organic substances	Identity	-----	a), b) or d)
	Content	Each single component ≥ 0,5% m/m	b), d) or e)
Pure organic substances in the form of single and multi-component solutions	Concentration	0,005 – 10 g/l	d) or e)

- a) The use of a single reference measurement method (as defined in ISO/IEC Guide 99) in a single laboratory in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1a).
- b) The characterization of a non-operationally defined measurand is carried out using two or more methods of demonstrable accuracy in one or more competent laboratories in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1b)
- d) The transfer of values from an RM to a closely matched candidate RM using a single measurement procedure performed by one laboratory in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1d).
- e) The characterization is based on mass or volume of ingredients used in the preparation of the RM according to DIN EN ISO 17034:2017 Par. 7.12.3 Note 1e).

Abbreviations used:

DIN Deutsches Institut für Normung e.V. – German institute for standardization
 EN Europäische Norm – European Standard
 ISO International Organization for Standardisation

Valid from: 17.01.2024

Date of issue: 17.01.2024

Page 3 of 3

This document is a translation. The definitive version is the original German annex to the accreditation certificate.



CERTIFICATE



This is to certify that the company

LGC GmbH

Louis-Pasteur-Straße 30
14943 Luckenwalde
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:

Development, production, analysis and distribution of reference materials.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	102448 QM15
Certificate unique ID	1000188120
Effective date	2024-07-30
Expiry date	2027-07-29
Frankfurt am Main	2024-07-13



DQS IS A MEMBER OF



DQS Medizinprodukte GmbH

Sigrid Uhlemann
Managing Director



August-Schanz-Straße 21, 60433 Frankfurt am Main,
Tel. +49 (0) 69 95427-300, info-med@dqs.de
The validity of the certification can only be verified by the QR-code.



Annex to certificate
Certificate registration No.: 102448 QM15
Certificate unique ID: 1000188120
Effective date: 2024-07-30

LGC GmbH

Louis-Pasteur-Straße 30
14943 Luckenwalde
Germany

Location

Scope

540886

LGC GmbH

Louis-Pasteur-Str. 30
14943 Luckenwalde
Germany

Development, production, analysis and distribution of reference materials.

31624611

LGC GmbH

Im Biotechnologiepark 1 (TGZ I)
14943 Luckenwalde
Germany

Development, production, analysis and distribution of reference materials.

528207

LGC GmbH

Im Biotechnologiepark 3 (TGZ II)
14943 Luckenwalde
Germany

Development, production, analysis and distribution of reference materials.

549130

LGC GmbH

Im Biotechnologiepark 7 (TGZ III)
14943 Luckenwalde
Germany

Development, production, analysis and distribution of reference materials.

549508

LGC GmbH

Im Biotechnologiepark 4 (CCB)
14943 Luckenwalde
Germany

Development, production, analysis and distribution of reference materials.

Certificate of Accreditation



LGC Limited

Calibration Laboratory No. 0423

**Is accredited in accordance with International Standard ISO/IEC 17025:2017
– General Requirements for the competence of testing and calibration
laboratories.**

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

A handwritten signature in black ink, reading "Matt Gantley", is positioned above a horizontal line.

Matt Gantley, *Chief Executive Officer*
United Kingdom Accreditation Service

Initial Accreditation: 16 November 1993
Certificate Issued: 25 January 2024



Scan QR Code to
verify



CERTIFICATE



This is to certify that

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:

Development, manufacture and distribution of basic chemicals, special chemical products and analytical systems.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	005356 QM15
Date of revision	2025-05-12
Valid from	2023-11-24
Valid until	2026-11-23
Date of certification	2025-05-12



DQS GmbH

Guido Eggers
Managing Director

DQS IS A MEMBER OF





Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

005356
Merck KGaA
Frankfurter Straße 250
64293 Darmstadt
Germany

Including:
Merck Real Estate GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany

Merck Site Management GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany

Merck Electronics KGaA
An affiliate of Merck KGaA, Darmstadt,
Germany

Merck Life Science KGaA
An affiliate of Merck KGaA, Darmstadt,
Germany

With regional offices at:
Waldstrasse 3
64331 Weiterstadt

Scope

Development, production and distribution of chemical, biological, biotechnological products, analytical systems and services.

31612138
Merck LS RTU GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany
Waldstrasse 3
64331 Weiterstadt
Germany

Development, product management and supply of culture media and systems for microbiology.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

519160
Merck S. A.
An affiliate of Merck KGaA, Darmstadt,
Germany
Tronador 4890
C1430DNN Buenos Aires
Argentina

Distribution of chemical products, lab equipments and IVD's.

And regional warehouse at
Marconi 877 – B1812CDE Carlos Spegazzini
Pcia. de Buenos Aires
Argentina

496580
Merck Life Science PTY LTD
An affiliate of Merck KGaA, Darmstadt,
Germany
885 Mountain Highway
Bayswater VIC 3153
Australia

Distribution of chemicals, laboratory equipment and consumables, filtration, separation, Life Science and purification products.

531364
Sigma-Aldrich Handels GmbH
Marchettigasse 7 / 2
1060 Vienna
Austria

Sales of laboratory and industrial chemicals.

531355
Merck Life Science BV
An affiliate of Merck KGaA, Darmstadt,
Germany
Ildefonse Vandammestraat 5/7B
1560 Hoeilaart
Belgium

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

527487
Merck Bulgaria EAD
An affiliate of Merck KGaA, Darmstadt,
Germany
48 Sitnyakovo Blvd.
1505 Sofia
Bulgaria

Sales and distribution of chemicals and reagents, raw materials, microbiological products, mixtures for analysis of foods, water and environment, chromatographic consumables, products used in laboratories and laboratory equipment. Service and maintenance. Training.

541664
Merck S.A. (Brazil)
An affiliate of Merck KGaA, Darmstadt,
Germany
Alameda Xingu, 350, 5° andar - Alphaville
Barueri
06455-030
Brazil

Administrative process of importation and local purchase of finished products, equipment and raw materials for industries: pharmaceutical, chemical, food, beverages and research, development and analysis laboratory.

541662
Sigma Aldrich Brazil LTDA
Alameda Xingu, 350, 5° andar - Alphaville
Barueri
06455-030
Brazil

Administrative process of importation and local purchase of finished products, equipment and raw materials for industries: pharmaceutical, chemical, food, beverages and research, development and analysis laboratory.

527768
Sigma Aldrich Brazil LTDA
Rodovia Anhanguera
Via de Acesso Sul KM 30
Cajamar - SP
07790-330
Brazil

Importation, receiving, storage and distribution of finished products, equipment and raw materials for industries: pharmaceutical, chemical, food, beverages and research, development and analysis laboratory.



Annex to certificate

Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

541661
Merck S.A. (Brazil)
An affiliate of Merck KGaA, Darmstadt,
Germany
Rodovia Anhanguera
Via de Acesso Sul KM 30
Cajamar - SP
07790-330
Brazil

Importation, receiving, storage and distribution of finished products, equipment and raw materials for industries: pharmaceutical, chemical, food, beverages and research, development and analysis laboratory.

527756
Millipore Sigma Canada Ltd.
2149 Winston Park Drive
Oakville L6H 6J8
Canada

Sales and distribution of chemical products reagents, kits and lab equipment.

450241
Merck & Cie KmG
An affiliate of Merck KGaA, Darmstadt,
Germany
Weisshausmatte
6460 Altdorf
Switzerland

Manufacture and distribution of active pharmaceutical ingredients, chromatography resins and other Life Science products.

530377
Sigma-Aldrich Production GmbH
Industriestrasse 25
9470 Buchs SG
Switzerland

Development, manufacturing and distribution of reagents and chemicals for research, development, production and analytical purposes.

Including:
Sigma-Aldrich Chemie GmbH



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

496582
Merck S.A.
An affiliate of Merck KGaA, Darmstadt,
Germany
Los Conquistadores 1730. Piso 19 y 20, Torre
Santa María - Providencia -
And Reginal Warehouse at:
Centro Empresarial ENEA, Río Palena 9669,
Pudahuel, Santiago.
Chile

Distribution of chemical products and pharmaceutical ingredients, instruments and laboratory equipment.

527755
Sigma-Aldrich (Wuxi) Life Science &
Technology Co., Ltd.
99 Ximei Road
Wuxi New District
Wuxi City 214028
P.R. China

Packaging of bio-chemical reagent products (non-medicinal), manufacture of disposal bio-processing bags and manufacture of lab water equipment.

519308
Merck Limited
An affiliate of Merck KGaA, Darmstadt,
Germany
11/F, Elite Centre, 22 Hung To Road, Kwun
Tong, HongKong
P.R. China

Sales, supply and innovation of Life Science chemical products and solutions.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

547589
Versum Materials (Shanghai) Co., Ltd.
Wai Gao Qiao (Warehouse)
No. 238 Fenju Road
Wai Gaoqiao, Free Trade Zone
Shanghai
P.R. China

Assembly of equipment to control limited distribution of gases and chemicals as well as storage and distribution of specialty gases and chemicals.

With associated organization:
No. 2 Tianfei Road
Yangtze River International Chemical
Industrial Park
314201 Zhangjiagang City, Jiangsu Province
P.R. China

533161
Sigma Aldrich (Shanghai) Trading Co., Ltd
10 Building, 509 Renqing Road
Pudong District
201201 Shanghai
P.R. China

Distribution and warehousing of Life Science chemicals.

And warehouse at:
Building. B3, No.15 Shunchang Avenue,
Shunyi District
101316 Beijing
P.R. China



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

507106
Merck Chemicals (Shanghai) Co., Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
(Sales Office)
Room 908, No. 1 Ji Long Road
WGQ Free Trade Zone
200131 Shanghai
P.R. China

Scope

Sales Office: Sales and supply of Life Science chemicals, materials, reagent, equipment and consumable.

China Validation Services Lab: Provision of laboratory testing and validation service for filtration products and Single Use Assemblies.

System and Solutions Operations China: Design and provision of filtration and ultrafiltration products, system and related solution.

514696
Merck Display Materials (Shanghai) Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
First Floor and Second Floor Area B of 14th
Building East Side and 15th building,
No. 211 Qinqiao Road, Free Trade Zone
201206 Shanghai
P.R. China

Design, development, manufacture and distribution of Display materials; distribution of other chemical materials. Technical service and development of Electronics materials.

518298
Merck Electronic Materials (Suzhou) Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
No. 70, Longpu Road, Industrial Park
215021 Suzhou City, Jiangsu Province
P.R. China

Photoresist products, edge bead rinse thinner, ancillary chemicals and additives (including anti-reflective coating, developer and adhesion promoter) used for the electronic industry.

With associated organization:

Shanghai sales office
First Floor and Second Floor Area B of 14th
Building East Side and 15th building,
No. 211 Qinqiao Road,
201206 Shanghai
P.R. China



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

542618
Merck Life Science Technologies
(Nantong) Co., Ltd
An affiliate of Merck KGaA, Darmstadt,
Germany
No.39 Jianggang Road
Nantong Economic & Technological
Development Area
226017 Jiangsu
P.R. China

Manufacturing of cell culture media (includes dry powder cell culture media, liquid cell culture media and buffer solutions), ready-to-use products and inorganic salts.

531357
Merck Life Science spol. s r.o.
An affiliate of Merck KGaA, Darmstadt,
Germany
Na Hřebenech II 1718/10
140 00 Praha 4
Czech Republic

Distribution, sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

527728
Sigma-Aldrich Biochemie GmbH
Georg-Heyken-Strasse 14
21147 Hamburg
Germany

Development, procurement, production, sales and distribution of reagents and chemicals for research, development, production and analytical purpose.

31612450
Merck Surface Solutions GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany
Mainzer Strasse 41
64579 Gernsheim
Germany

Manufacture, blending, packaging as well as distribution of chemical products.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

518299
Merck Performance Materials GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany
Rheingastrasse 190 - 196
65203 Wiesbaden
Germany

Production and supply of process chemicals for the electronic and printing industry.

531362
Sigma-Aldrich Chemie GmbH
Eschenstrasse 5
82024 Taufkirchen
Germany

Sales, customer and technical service for laboratory and industrial chemicals.

527729
Sigma-Aldrich Chemie GmbH
Kappelweg 1
91625 Schnelldorf
Germany

Downfilling, and distribution of reagents and chemicals for research, development, production and analytical purpose.

531349
Merck Life Science A/S
An affiliate of Merck KGaA, Darmstadt,
Germany
Vandtårnsvej 62A, 5. A
2860 Søborg
Denmark

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

450321
Merck S.L.U.
An affiliate of Merck KGaA, Darmstadt,
Germany
Polígono Industrial Merck
08100 Mollet del Valles (Barcelona)
Spain

Manufacture of chemicals for regulated markets and special applications.



Annex to certificate Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

531363
Merck Life Science S.L.U
An affiliate of Merck KGaA, Darmstadt,
Germany
Calle de Maria de Molina, 40
28006 Madrid
Spain

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

531352
Merck Life Science OY
An affiliate of Merck KGaA, Darmstadt,
Germany
Keilaranta 6
02150 Espoo
Finland

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

527727
Sigma-Aldrich Chimie S.a.r.l.
80 Rue de Luzais
38297 St. Quentin-Fallavier
France

Sales and distribution of reagents and chemicals for research, development and production.

518302
Merck Performance Materials SAS
An affiliate of Merck KGaA, Darmstadt,
Germany
L'Usine de la Motte
1 Rue du Flottage
60350 Trosly Breuil
France

Design, manufacturing and distribution of colloidal silica.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

492648
Millipore S.A.S.
39, Route Industrielle de la Hardt
67120 Molsheim
France

Design & development, engineering, manufacture, distribution and after sales support of devices, equipment, media for fluid analysis and purification and systems & technical solutions for fluid storage, filtration and separation.
Manufacture, distribution and after sales support of single use components for fluid storage, filtration, separation, and water purification systems for laboratories.
Scientific, commercial, technical and validation support to customers.

534721
Merck Chimie SAS
An affiliate of Merck KGaA, Darmstadt,
Germany
10 Avenue de Lattre de Tassigny
69330 Meyzieu
France

Development and production of Estapor® brand polymer microspheres.

506585
Millipore S.A.S.
1, rue Jacques Monod
Rond-Point des Sangliers
78280 Guyancourt
France

Design, development of and field service for water purification systems for laboratories.

527761
Sigma-Aldrich Co. Ltd.
Homefield Road
Haverhill, Suffolk
CB9 8QP
United Kingdom

Manufacture of custom oligonucleotides. Sales and support of custom biomolecules and Life Science research products.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

505626
Millipore (UK) Ltd.
3 Fleming Road
Kirkton Campus
Livingston
EH54 7BN
United Kingdom

Development, manufacture and sale of clinical diagnostic products derived from biological sources.

527496
Sigma-Aldrich Co. Ltd.
T/A SAFC
Second Avenue
Heatherhouse Industrial Estate
Irvine
KA12 8NB
United Kingdom

Manufacture of cell culture related critical raw materials for the global health care industry.

31601754
Merck Life Science UK Limited
An affiliate of Merck KGaA, Darmstadt,
Germany
The Old Brickyard, New Road
Gillingham, Dorset
SP8 4XT
United Kingdom

Sales and Services of Chemicals, Laboratory Equipment, and Consumables, Filtration, Separation and Purification Products (All products in our Life Science Portfolio).

And regional offices:
Merck House, Seldown Lane,
Poole, Dorset, BH15 1 TW
United Kingdom

527730
Sigma-Aldrich Co. Ltd.
The Old Brickyard, New Road
Gillingham, Dorset
SP8 4XT
United Kingdom

Distribution of reagents and chemicals for research, development, production and analytical purposes.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

501978
Merck A.E. Hellas
An affiliate of Merck KGaA, Darmstadt,
Germany
41-45 Kifissias ave.
15123 Maroussi / Attica
Greece

Trade and distribution of pharmaceutical and chemical products and medical devices.

531351
Merck Life Science Kft.
An affiliate of Merck KGaA, Darmstadt,
Germany
Október huszonharmadika utca 6 - 10
1117 Budapest
Hungary

Distribution, sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

540290
PT Merck Chemicals and Life Sciences
An affiliate of Merck KGaA, Darmstadt,
Germany
Jl. TB. Simatupang No. 8
Pasar Rebo
Jakarta 13760
Indonesia

Sales (including Customer Excellence) Supply Chain and Distribution of Life Science.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

510831
Merck Life Science Private Limited
An affiliate of Merck KGaA, Darmstadt,
Germany
Godrej One, 8th floor, Pirojshanagar,
Eastern Express Highway, Vikhroli - East
Mumbai, Vikhroli 400 079
India

And regional warehouse at
Plot No. A-2 / 1, MIDC, Patalganga, Borivali
Industrial Area, Tq - Khalapur - 410220,
Dis - Raigad
India

with associated organization
D-176, TTC-Industrial Area, M.I.D.C., Thane
Belapur Road, Nerul, Navi Mumbai
400706, Maharashtra
India

Scope

Manufacturing and marketing of laboratory reagents and products, warehousing and distribution.

518300
Merck Performance Materials Pvt. Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Khopoli Site
Survey No 109, 110, 112 Savroli Village,
Taluka Khalapur, Dist. Raigad
Maharashtra 410 203
India

Design, development, manufacturing, marketing and sales of silicon resins (polysilazanes and silazanes) and formulations.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

501956
Merck Life Science Private Limited
An affiliate of Merck KGaA, Darmstadt,
Germany
50 A & 51, 2nd Phase, Ring Road, Peenya
Bangalore 560 058
India

Design & Manufacture of Life Science Products.
Validation service for filtration/single Use
Products.

And regional offices in New Delhi,
Ahmedabad, Bangalore, Kolkata, Mumbai
and Hyderabad

530393
Sigma Aldrich Chemicals Private Limited
12, Bommasandra Jigani Link Road
Bangalore, Karnataka State 560100
India

Development, manufacturing, sales and
distribution of specialty and fine chemicals.

547726
Sigma Aldrich Chemicals Pvt. Ltd.
7th & 8th FLOOR, TOWER-2, ELECTRONIC
CITY PHASE-1
Survey No. 94/2, Veerasandra Village
Bangalore District 560100
India

Provision of Support Services for Business
Processes of Life Science Group worldwide.

505619
Merck Millipore Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Tullagreen
Carrigtwohill
T45 KD29 County Cork
Ireland

Design and manufacture of filtration products
for the pharmaceutical, food, beverage,
electronic and analytical industries.
Manufacture of chromatography adsorbents,
immobilized enzymes and other ligands for
modification and purification of biomolecules.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

527495
Sigma-Aldrich Ireland Ltd.
Vale Road
Arklow, County Wicklow
Ireland

Manufacturing and distribution of pharmaceutical starting materials.

31616178
Merck Life Science Ireland Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Vale Road
Arklow, County Wicklow
Ireland

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

527758
Sigma-Aldrich Israel Ltd.
3 Plaut St., Park Rabin
Rehovot 7670603
Israel

Development, manufacture, marketing, sales and distribution of biochemicals, organic chemicals and reagents for research, production and analytical purposes.

527759
Sigma-Aldrich Israel Ltd.
13-15 Kiryat Hamada St., Har Hotzvim
Jerusalem 9777613
Israel

Development and manufacture of biochemicals, organic chemicals and reagents for research, development, production and analytical purposes.

531353
Merck Life Science S.r.l.
An affiliate of Merck KGaA, Darmstadt,
Germany
Via Monterosa 93
20149 Milano
Italy

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

518301
Merck Electronics Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Shizuoka Site
3330 Chihama,
Kakegawa-shi,
Shizuoka 437-1412
Japan

Development and production of photoresists,
dielectric materials and other electronic
materials.

527752
Sigma Aldrich Japan G.K.
Ichikawa Site
368 O-Machi
Ichikawa-Shi
Chiba
Japan

Distribution of Life Science Products.

497387
Merck Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Atsugi Site
4050 Nakatsu, Aikawa-machi, Aiko-gun
Kanagawa Pref. 243-0303
Japan

Distribution of Life Science products.

532379
Merck Performance Materials G.K.
An affiliate of Merck KGaA, Darmstadt,
Germany
Arco Tower 5F, 1-8-1
Shimomeguro, Meguro-ku
Tokyo 153-8927
Japan

Sales of chemical products.



Annex to certificate Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

453292
Merck Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Arco Tower 5F, 1-8-1
Shimomeguro, Meguro-ku
Tokyo 153-8927
Japan

Supply chain and Quality for sales support of chemical products and life science products.

31602974
Merck Electronics Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Arco Tower 5F, 1-8-1
Shimomeguro, Meguro-ku
Tokyo 153-8927
Japan

Sales of chemical products.

497388
Merck Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Baraki Technical Center
Nippon Express Baraki Air Cargo Center,
2526-26 Baraki Ichikawa,
Chiba Pref. 272-0004
Japan

Stock holding and provision of repair for filtration products and analytical instrumentation.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

497390
Merck Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Yokohama Technical Center
YBP West Tower 2F, 134 Godo-cho,
Hodogaya-ku
Yokohama, Kanagawa Pref. 240-0005
Japan

Laboratory testing, validation and compliance services.

With units
BioReliance Validation Services, Process
solutions
Life Science

426640
Merck Performance Materials G.K.
An affiliate of Merck KGaA, Darmstadt,
Germany
Onahama Site
51-15 Izumimachi Kurosuno Aza Egoshi
Iwaki-shi, Fukushima 971-8184
Japan

Development and manufacture of chemical products.

505622
Merck Performance Materials Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
306, Pyeongtaekhang-Ro, Poseung-eup
Pyeongtaek-shi,
Gyeonggi-do 451-822
Republic of Korea

Development, manufacture, marketing, sales and servicing of chemicals.

518304
Merck Electronic Materials Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
50-14 Hyupdongdanji-gil, Miyang-myeon
Anseong-si, Gyeonggi-do 17600
Republic of Korea

Research, development, production, inspection and testing of light-sensitive materials and related processing chemicals for semiconductor industry.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

505621
Merck Ltd. Korea
An affiliate of Merck KGaA, Darmstadt,
Germany
Haesung-Building 3F
508 Teheran-ro, Gangnam-gu
Seoul 06178
Republic of Korea

Marketing, sales and distribution of reagents, filters, and bags. Central functions (HR and finance administration).

With associated organization:

113, Songdo Kukje-daero
343 beon-gil Yeon-Su Gu,
Incheon 21991
Republic of Korea

Development and manufacturing of reagents, and manufacturing of Cell Culture Media. Distribution of reagents, filters, and bags.

536979
Sigma Aldrich Korea Ltd.
113, Songdo Kukje-daero
343 beon-gil Yeon-Su Gu,
Incheon 21991
Republic of Korea

Marketing, sales and distribution of reagents for research purposes.

547576
Versum Materials ADM Korea Inc.
Banwol
82, Jangjagol-ro, Danwon-gu,
Ansan-si, Gyeonggi-do
Republic of Korea

Manufacture and transfill of specialty gases and chemicals.

547582
Versum Materials HYT Inc.
283, Haebong-Ro, Danwon-gu
Ansan-Si 15420
Republic of Korea

Design and assembly of equipment to control limited distribution of gases and chemicals.



Annex to certificate

Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

547591

Versum Materials Korea Inc.
Sihwa Ind., Complex 143,
Hyeomnyeok-ro
Siheung-si 429-450
Republic of Korea

Manufacture and transfill of specialty gases and chemicals.

547580

Versum Materials SPC Korea Ltd
88-19, Sandan-ro
Pyeongtaek-si, Gyeonggi-do 459-040
Republic of Korea

Manufacture of high purity chemicals.

547595

Versum Materials PM Korea Inc.
48, Yonyeon-ro 98 beon-gil Ulsan-si
Nam-gu 680-150
Republic of Korea

Manufacture and transfill of specialty gases and chemicals.

507107

Merck S.A. de C.V.
An affiliate of Merck KGaA, Darmstadt,
Germany
Calle 5 No. 7 Fracc. Ind. Alce Blanco
53370 Naucalpan de Juárez,
Estado de México,
Mexico

Sales and distribution of Life Science products and equipment.

With associated organization

Sigma Aldrich Química S. de R.L. de C.V.
Calle 6 Norte No. 107 Parque Industrial
Toluca 2000, C.P. 50200.
Estado de México,
México

And Regional warehouse at Calle 6 Norte
No. 107C.P. 50200. Parque Industrial Toluca
2000 - Toluca
Mexico



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

506583
Merck Chemicals B.V.
An affiliate of Merck KGaA, Darmstadt,
Germany
Haarlerbergweg 21 - 23
1101 CH Amsterdam Zuidoost
Netherlands

Customer support and cash collection for research and life sciences industries.

531365
Merck Life Science N.V.
An affiliate of Merck KGaA, Darmstadt,
Germany
Haarlerbergweg 21 A
1101 CH Amsterdam
Netherlands

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

531354
Merck Life Science AS
An affiliate of Merck KGaA, Darmstadt,
Germany
Drammensveien 123
0277 Oslo
Norway

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

506584
Merck, Inc.
An affiliate of Merck KGaA, Darmstadt,
Germany
36F The Finance Centre 26th St. corner 9th
Ave., Bonifacio Global City
1634 Taguig City
Philippines

Marketing, sales and distribution of chemical products, laboratory supplies and equipment.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

531356
Merck Life Science Sp. z o.o.
An affiliate of Merck KGaA, Darmstadt,
Germany
Szelągowska 30
61-626 Poznań
Poland

Distribution, sales of chemicals, laboratory equipment and consumables, Field Service.

And regional office, ul. Aleje Jerozolimskie
142B
02-305 Warsaw
Poland

531358
Merck Life Science S.L.U Sucursal em
Portugal
An affiliate of Merck KGaA, Darmstadt,
Germany
Edifício DUO Miraflores,
Alameda Fernão Lopes, nº12, 5º
1495-190 Algés
Portugal

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

528833
Merck Romania SRL
An affiliate of Merck KGaA, Darmstadt,
Germany
Str. Gara Herastrau 4D, Sector 2
020334 Bucharest
Romania

Marketing and sales of specialty chemicals and high purity preparations, equipment analysis technology filtration equipment, installation and service of equipment sold. Storage of chemicals, medical devices and equipment for Life Science business.

Warehouse
Localitatea Rudeni, Oras Chitila,
Soseaua Rudeni nr. 74 A, Hala C2,
077045 Judetul Ilfov
Romania



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

496590

Merck Pte Ltd. (Life Science) Merck Millipore
An affiliate of Merck KGaA, Darmstadt,
Germany
2 Science Park Drive
05-01/12 Ascent Building
Singapore 118222
Singapore

Services and distribution of chemicals, laboratory equipment and consumables, filtration, separation, Life Science and purification products.

Warehouse: 20 Penjuru Lane, Block B, #02-02M, Singapore 609193

540293

Sigma Aldrich Pte Ltd
2 Science Park Drive
#05-01/12 Ascent Building
Singapore 118222
Singapore

Provision of warehouse related logistics services from goods receiving delivery to customers.

Warehouse: 20 Penjuru Lane, Block B, #02-02M, Singapore 609193

547594

Versum Materials Singapore Pte. LTD
(Warehouse)
8 Tuas Basin Link
638762 Tuas
Singapore

Storage and distribution of specialty gases and chemicals.

527484

Merck d.o.o. Serbia
An affiliate of Merck KGaA, Darmstadt,
Germany
Omladinskih brigada 90v
11070 Belgrade
Serbia

Wholesale trade of medicines and medical devices.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

531348
Merck Life Science spol. s r.o.
An affiliate of Merck KGaA, Darmstadt,
Germany
Dvořákovo nábřeží 4
810 06 Bratislava
Slovakia

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

531360
Merck Life Science AB
An affiliate of Merck KGaA, Darmstadt,
Germany
Frösundaviks Allé 1
169 03 Solna
Sweden

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

527491
SAFC Hitech Taiwan Co., Ltd.
No. 15, Luke 3rd Rd.
Kaohsiung Science Park
Luzhu Dist. 82151
Kaohsiung City
Taiwan

Manufacture of chemicals for industrial applications (for optoelectronics and semiconductor devices).

518305
Merck Performance Materials Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
No. 458-6, 8 & 11, Xinxing Rd.,
Hu Kuo Township
Hsinchu County
Taiwan

Development and manufacture of photo-resist products, top-layer anti-reflective coating materials and other chemical products.



Annex to certificate Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

547592
Versum Materials Taiwan Co., Ltd.
Taichung Branch
No. 6, Dacheng S. Road
Wuci District
Taichung City 43541
Taiwan (R.O.C.)

Storage and distribution of specialty gases and chemicals.

547587
Versum Materials Taiwan Co., Ltd.
No. 772, Singnong Road
Shanhua District
74160 Tainan
Taiwan (R.O.C.)

Manufacture and transfill of specialty gases and chemicals.

542621
Merck Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
6F, No.89, Sec.2, Tiding Blvd.,
Taipei
Taiwan

Sales and distribution of Life Science Chemicals.

And regional warehouse at:
No. 38, Ching Chien 4 Road
Kuanyin Industrial Park
Taoyuan 32853
Taiwan

426643
Merck Performance Materials Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
No. 39, 39-1, Ching Chien 1st Road
Kuan Yin Industrial Park
Taoyuan 32853
Taiwan

Development, manufacture and distribution of chemical products.



Annex to certificate Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

31615735

**Versum Materials Technology,
LLC Taiwan Branch
Building V, No. 15, Luke 3rd Rd., Luzhu Dist.
82151 Kaohsiung City
Taiwan**

Assembly of equipment to control limited distribution of gases and chemicals.

547596

**Versum Materials, US LLC Vultee
1919 Vultee Street
Allentown, PA 18103
United States of America**

Design and assembly of equipment to control limited distribution of gases and chemicals.

547577

**Versum Materials, US LLC Hometown
357 Marian Avenue
Tamaqua, PA 18252
United States of America**

Design, development, manufacture, and distribution of specialty gases and chemicals.

547585

**Versum Materials, US LLC Catoosa
1115 West Keystone
Catoosa, OK 74015
United States of America**

Manufacture and transfill of specialty gases and chemicals.

547586

**Versum Materials, US LLC Dallas
8201 S. Central Express Way
Dallas, TX 75241
United States of America**

Manufacture and distribution of specialty chemicals.



Annex to certificate Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

547588

**Versum Materials, US LLC Samsung Austin
Semiconductor
Samsung Austin Semiconductor
12100 Samsung Boulevard
Austin, TX 78754
United States of America**

Servicing chemicals distribution systems.

547593

**Versum Materials, US LLC Tempe
8555 South River Parkway
Tempe, AZ 85284
United States of America**

Manufacture Chemical Mechanical
Planarization and Polishing Solutions.

547584

**Versum Materials, US LLC Carlsbad
1969 Palomar Oaks Way
Carlsbad, CA 92011
United States of America**

Design, development, manufacturing, and
distribution of high purity chemicals and
containers.

547725

**MilliporeSigma Corp.
8511 W Riggan Ave
Visalia, 93291
United States of America**

Distribution.

505627

**EMD Millipore Corp.
28820 Single Oak Drive
Temecula, CA 92590
United States of America**

Design and development, manufacture and
distribution of research use only reagents and
kits.

450330

**EMD Performance Materials Corp.
110 EMD Blvd.
Savannah, GA 31402
United States of America**

Design and development, manufacture and
distribution of pigments.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

496589
EMD Millipore Corp.
195 W. Birch Street
Kankakee, IL 60901
United States of America

Manufacture and distribution of highly purified blood proteins and biologically active factors.

With associated organization:

2407 Eastgate Industrial Parkway
Kankakee, IL 60901

527747
Aldrich-APL LLC
1302 West Anthony Drive
Urbana, IL 61802
United States of America

Manufacture of reagents and chemicals for research, development, production and analytical purposes.

527748
SAFC Biosciences, Inc.
13804 West 107th Street
Lenexa, KS 66215
United States of America

The design, customization, manufacture and distribution of dry power media products. The repacking and distribution of cell culture media raw materials. The customization and management of the outsourced manufacture of Sera products. Management of the customization and outsourced manufacture of Sera products.

496583
EMD Millipore Corp.
80 Ashby Road
Bedford, MA 01730
United States of America

Development & customer support for purification and separation media for life science applications, expression technology cell culture products; Service & repair for instruments.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

496285
EMD Millipore Corp.
400 Summit Drive
Burlington, MA 01803
United States of America

QA, Supply Chain, 3rd Party Finished Goods,
Lab Testing, Validation & Compliance Service,
Design, Development, Manufacture of
Filtration Equipment and Chemical Products,
Lab Water Field Service

532231
Sigma Aldrich Research Biochemicals, Inc.
("Sigma- RBI)
600 Summit Drive
Burlington, MA 01803
United States of America

Design, development, manufacturing, contract
manufacturing of reagents, raw materials,
components and kits.

496587
EMD Millipore Corp.
17 Cherry Hill Drive
Danvers, MA 01923
United States of America

Danvers single-use manufacturing.

With associated organizations:
- 54 Cherry Hill Drive
Danvers, MA 01923, USA
- 75 Sylvan Street, Warehouse
Danvers, MA 01923, USA

527745
Sigma-Aldrich Manufacturing LLC
2425 South Second Street (Barton)
St. Louis, MO 63104
United States of America

Storage and distribution of chemical reagents,
raw materials, media, components and kits.

546398
Sigma-Aldrich, Inc.
3300 South Second Street (Cherokee)
St. Louis, MO 63118
United States of America

Buffers: manufacturing, packaging, QA, QC.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

527743
Sigma-Aldrich Corporation
3500 Dekalb Street
St. Louis, MO 63118
United States of America

Design, development, manufacturing, testing,
QA, warehouse, maintenance of chemical
reagents, raw materials and components.
Customer processes.

With associated organizations:

- 545 South Ewing Street, St. Louis, MO 63103
- 3300 South Second Street, XY Building, St.
Louis, MO 63118
- 2909 Laclede Street, St. Louis, MO 63101
- 3050 Spruce Street, St. Louis, MO 63103

527744
Sigma-Aldrich, Inc.
3506 South Broadway (Broadway)
St. Louis, MO 63118
United States of America

Cell Culture Media: manufacturing, packaging,
QA, QC.

492647
EMD Millipore Corp.
11 Prescott Road
Jaffrey, NH 03452
United States of America

Manufacture of membrane and filtration
products.

518306
EMD Performance Materials Corp.
70 Meister Avenue
Branchburg, NJ 08876
United States of America

Design and manufacture of photoresist and
related chemical products.

527764
Research Organics LLC., dba SAFC
4353 East 49th Street
Cleveland, OH 44125
United States of America

Manufacturing of high purity biochemicals.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

505606
EMD Millipore Corp.
2828 Highland Avenue
Norwood, OH 45212
United States of America

Manufacture and distribution of high purity organic solvents, organic chemicals/ reagents, acids and chemical specialties.

527733
Sigma-Aldrich Corporation
3858 Benner Road
Miamisburg, OH 45342
United States of America

Development, procurement, production, testing and sales of chemicals, reagents and laboratory equipment for research, development, production and analytical purposes.

527767
Supelco Inc.
595 North Harrison Rd.
Bellefonte, PA 16823
United States of America

Design, development, manufacture, and packaging of chromatography products for analysis and purification.

527734
Aldrich Chemical Co., LLC
Ironrun Industrial Park
6950 Ambassador Drive
Allentown, PA 18106
United States of America

Distribution of chemicals, reagents and laboratory equipment for research, development, production and analytical purposes.

With associated organization:

Ironrun Industrial Park
7034 Ambassador Drive
Allentown PA 18106
United States of America

527751
SAFC Biosciences, Inc.
5 Dutch Court (Reading)
Sinking Spring, PA 19608
United States of America

Repacking of cell culture media raw materials.
The distribution of cell culture media products.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

518307
EMD Performance Materials Corp.
788 Chert Quarry Rd.
Martin, SC 29836
United States of America

Design and manufacture of colloidal silica.

With associated organization:

8604 Cliff Cameron Drive, Suite 105
Charlotte, NC 28269
United States of America

527766
Sigma-Genosys of Texas LLC
Db a Sigma Custom Products
9186 Six Pines Drive, Suite 100
The Woodlands, TX 77380
United States of America

Manufacture of custom oligonucleotides and peptides for the Research and Applied Science Markets.

527762
Cerilliant Corporation
811 Paloma Drive, Suite A
Round Rock, TX 78665
United States of America

Design and manufacturing of certified reference materials, analytical reference standards, analyses and chemical reagents.

527738
Aldrich Chemical Co., LLC
6000 North Teutonia Avenue
Milwaukee, WI 53209
United States of America

Development, production and distribution of chemicals, reagents, membrane and laboratory equipment for research, development, production and analytical purposes.

With associated organizations:
5485 County Highway V, Sheboygan Falls, WI
53085

And associated warehouse:
690 W. Oakland Avenue, Port Washington,
WI 53074



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

527765
Sigma Aldrich RTC, Inc.
2931 Soldier Springs Road
Laramie, WY 82070
United States of America

Design, manufacture, certify, quality control and distribute, both certified and analytical reference materials.

505624
Merck Life Science (Pty) Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
1 Friesland Drive
Longmeadow Business Estate
Modderfontein, Gauteng, 1609,
South Africa

Distribution, sales and servicing of locally produced and imported chemicals and consumables, laboratory equipment and filtration, separation, and purification products.

31617644
Merck Chemicals GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany
Frankfurter Strasse 133
64293 Darmstadt
Germany

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

31615732
BioControl Systems, Inc.
Bellevue, WA 98005
United States of America

Design, Development and Manufacturer of Test Kits and Related Instruments for Analysis of Food & Beverage Products/Ingredients, and Food Environment Cleanliness/Hygiene Monitoring.

31622910
Versum Materials US, LLC Chandler
1720 E Germann Rd
Chandler, AZ 85286
United States of America

Design and assembly of equipment to control limited distribution of gases and chemicals.



Annex to certificate
Registration no.: 005356 QM15

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

31622907
Merck Chemicals and Life Science GmbH
An affiliate of Merck KGaA, Darmstadt,
Germany
Rechte Wienzeile 225/Door 501
1120 Vienna
Austria

Sales and services of chemicals, laboratory equipment and consumables, filtration, separation and purification products.

31625752
Versum Materials Korea Inc,
105 Yusung-gu expo-ro 339
beon-gil Daejeon-si
Republic of Korea

Design, Development, Manufacture and Installation of Semiconductor, Electronics.

31625753
Versum Materials Korea Inc,
261 Wonnamsandan-ro,
Wonnam-myeon, Eumseong-gun,
Chungcheongbuk-do
Republic of Korea

Design, Development, Manufacture and Installation of Semiconductor, Electronics.

News Release

Your Contact

Karen Tiano

+1 978 495 0093

September 13, 2016

Merck Lab Earns ISO Accreditation for Quality Control of Culture Media

- **Ensures culture media meet international standards for laboratory quality systems**
- **Provides benchmark for compliance and accuracy in microbial testing of food and water samples**

Darmstadt, Germany, September 13, 2016 — [Merck](#), a leading science and technology company, today announced that its microbiology quality control laboratory in Eppelheim, Germany is now accredited for the quality control of the ReadyPlate™ and ReadyTube™ culture media tested there.

The [ISO/IEC-17025:2005](#) accreditation, issued by Germany's national accreditation body, is the international standard in testing and calibration for laboratory quality systems, and ensures full compliance of the lab's [ReadyPlate™ and ReadyTube™ culture media](#) with the new mandatory standard ISO 11133:2014 concerning the preparation, production, storage and performance testing of culture media.

The accreditation reflects Merck's commitment to ensure that the company's facilities and products meet the latest and the most stringent international standards for laboratory quality systems.—The accreditation also provides a benchmark for lab competence for specific types of testing, measurement and calibration, informing global customers that test data supplied by the lab are accurate and reliable.

Earlier this year, the company's microbiology quality control laboratory in Darmstadt, Germany, received the same accreditation.



News Release

All Merck news releases are distributed by email at the same time they become available on the Merck website. Please go to www.merckgroup.com/subscribe to register online, change your selection or discontinue this service.

About Merck

Merck is a leading science and technology company in healthcare, life science and performance materials. Around 50,000 employees work to further develop technologies that improve and enhance life – from biopharmaceutical therapies to treat cancer or multiple sclerosis, cutting-edge systems for scientific research and production, to liquid crystals for smartphones and LCD televisions. In 2015, Merck generated sales of € 12.85 billion in 66 countries.

Founded in 1668, Merck is the world's oldest pharmaceutical and chemical company. The founding family remains the majority owner of the publicly listed corporate group. The company holds the global rights to the Merck name and brand. The only exceptions are the United States and Canada, where the company operates as EMD Serono, MilliporeSigma and EMD Performance Materials.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Medicines and Healthcare Products
Regulatory Agency
10 South Colonnade
Canary Wharf
London
E14 4PU
United Kingdom

Holds Certificate Number:

FS 27268

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Regulatory body for the registration and inspection of medicines, blood and blood components, medical and diagnostic devices. Vigilance of regulated products, companies importing, distributing, and manufacturing medicines, blood and blood components, medical and diagnostic devices in the United Kingdom. Assessment and approval of Clinical Trials. The design, manufacture, and supply of liquid and freeze-dried biological material. The receipt, storage, and supply of reagents for research. Provision of primary care data.

For and on behalf of BSI:



Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 1994-02-09

Latest Revision Date: 2024-03-28

Effective Date: 2024-04-01

Expiry Date: 2027-03-31

Page: 1 of 2



...making excellence a habit.™

Certificate No: FS 27268

Location	Registered Activities
Medicines and Healthcare Products Regulatory Agency 10 South Colonnade Canary Wharf London E14 4PU United Kingdom	Regulatory body for the registration and inspection of medicines, blood and blood components, medical and diagnostic devices. Vigilance of regulated products, companies importing, distributing, and manufacturing medicines, blood and blood components, medical and diagnostic devices in the United Kingdom. Assessment and approval of Clinical Trials. Provision of primary care data.
NIBSC South Mimms Blanche Lane Potters Bar Hertfordshire EN6 3QG United Kingdom	The design, manufacture and supply of liquid and freeze-dried biological material. The receipt, storage and supply of reagents for research.

Original Registration Date: 1994-02-09
Latest Revision Date: 2024-03-28

Effective Date: 2024-04-01
Expiry Date: 2027-03-31

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.
An electronic certificate can be authenticated [online](#).
Printed copies can be validated at www.bsigroup.com/ClientDirectory



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Certificat d'Accréditation n° 493-TEST

En application des dispositions de l'arrêté royal du 31 janvier 2006 créant BELAC, le Bureau d'Accréditation atteste avoir délivré une accréditation conformément aux exigences de la norme EN ISO/IEC 17025:2017 à:

**Conseil de l'Europe
Avenue de l'Europe
F-67075 Strasbourg - France**

L'organisme a démontré posséder la compétence pour effectuer les activités réalisées dans les sites d'activités mentionnés dans la portée d'accréditation 493-TEST qui fait partie intégrante du présent certificat.

La version en vigueur de la portée d'accréditation est disponible via www.belac.be.

Ce certificat reste valable à condition que l'organisme continue de répondre aux conditions d'accréditation.

La Présidente du Bureau d'Accréditation BELAC,

Maureen LOGGHE

Version : 7

Période de validité : 2022-09-01 - 2026-04-22



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Accreditatiecertificaat nr. 493-TEST

In uitvoering van de beschikkingen van het koninklijk besluit van 31 januari 2006 tot oprichting van BELAC, verklaart het Accreditatiebureau accreditatie conform de eisen van de norm EN ISO/IEC 17025:2017 te hebben verleend aan:

**Conseil de l'Europe
Avenue de l'Europe
F-67075 Strasbourg - France**

De instelling heeft aangetoond bekwaamheid te bezitten voor de activiteiten uitgevoerd in de activiteitencentra zoals gespecificeerd in de accreditatiescope 493-TEST die integraal deel uitmaakt van dit certificaat.

De huidige versie van de accreditatiescope is beschikbaar op www.belac.be.

Dit certificaat blijft geldig onder voorwaarde dat de instelling blijft voldoen aan de accreditatievoorwaarden.

De Voorzitster van het Accreditatiebureau BELAC,

Maureen LOGGHE

Versie : 7

Geldigheidsduur : 2022-09-01 - 2026-04-22

De originele versie van dit certificaat is in het Frans.



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Accreditation Certificate No. 493-TEST

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares to have granted accreditation conform the requirements of the standard EN ISO/IEC 17025:2017 to:

**Conseil de l'Europe
Avenue de l'Europe
F-67075 Strasbourg - France**

The body demonstrated the competence to perform the activities in the activity sites, as described in the scope of accreditation 493-TEST which is an integral part of the present certificate.

The current version of the scope of accreditation is available at www.belac.be.

This certificate remains valid as long as the body continues to meet the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Maureen LOGGHE

Version : 7

Validity period : 2022-09-01 - 2026-04-22

Original version of this certificate is in French.



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Akkreditierungszertifikat Nr. 493-TEST

Aufgrund der Bestimmungen des königlichen Erlasses vom 31. Januar 2006 zur Gründung von BELAC, bestätigt das Akkreditierungsbüro, gemäß den Vorschriften der Norm EN ISO/IEC 17025:2017, die folgende Stelle akkreditiert zu haben:

**Conseil de l'Europe
Avenue de l'Europe
F-67075 Strasbourg - France**

Die Stelle hat ihre Kompetenz für die in den Aktivitätszentren durchgeführten Aktivitäten gemäß dem Geltungsbereich der Akkreditierung 493-TEST, der ein integraler Bestandteil des vorliegenden Zertifikats ist, nachgewiesen.

Die aktuelle Version des Geltungsbereichs der Akkreditierung ist unter www.belac.be verfügbar.

Dieses Zertifikat bleibt unter der Bedingung gültig, dass die Stelle die Akkreditierungsanforderungen weiterhin erfüllt.

Die Vorsitzende des Akkreditierungsbüros BELAC,

Maureen LOGGHE

Fassung : 7

Gültigkeitsdauer : 2022-09-01 - 2026-04-22

Die Originalfassung dieses Zertifikats ist in französischer Sprache.



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Annexe au certificat d'accréditation
Bijlage bij accreditatiecertificaat
Annex to the accreditation certificate
Beilage zur Akkreditierungszertifikat

493-TEST

EN ISO/IEC 17025:2017

Version / Versie / Version / Fassung	12
Validité / Geldigheidsperiode / Validity / Gültigkeitsdauer	2023-08-24 - 2026-04-22

Maureen Logghe

La Présidente du Bureau d'Accréditation
Voorzitster van het Accreditatiebureau
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

L'accréditation est délivrée à / De accreditatie werd uitgereikt aan
The accreditation is granted to / Die akkreditierung wurde erteilt für:

**Conseil de l'Europe
Avenue de l'Europe
F-67075 Strasbourg
France**

Sites d'activités / Activiteitencentra / Sites of activities / Standorte mit aktivitäten:

EDQM - Direction européenne de la qualité du médicament et soins de santé - Conseil de l'Europe	Allée Kastner 7 CS 30026 F-67081 Strasbourg France
--	--

Code d'essai	Echantillon Matrice	Caractéristique mesurée Gamme de mesure	Méthode d'essai	essai/étalonnage exécuté dans les centres d'activités suivants:
MOpB7/01 Essai098	substances à usage pharmaceutique ou apparentées décrites dans une monographie spécifique de la pharmacopée européenne à l'exception des polymères	confirmation de la structure par RMN – ^1H , ^{13}C	Ph. Eur. 2.2.33. à l'exception du § sur la RMN du solide.	Siège de l'EDQM
MOpB7/01 Essai098	substances à usage pharmaceutique ou apparentées dont un test d'identification est décrit dans une monographie spécifique de la pharmacopée européenne	tests RMN (^1H , ^{13}C) identification	Ph. Eur. 2.2.33. et 2.2.64 à l'exception du § sur la RMN du solide.	Siège de l'EDQM
MOpB7/01 Essai097	substances à usage pharmaceutique ou apparentées décrites dans une monographie spécifique de la pharmacopée européenne	qRMN ^1H et $^1\text{H} \{^{13}\text{C}\}$	Ph. Eur. 2.2.33. à l'exception du § sur la RMN du solide.	Siège de l'EDQM
Ph. Eur. 2.2.34.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	TGA: enregistrement de la masse d'un échantillon de substance en fonction de la température.	Analyse thermique: - THERMOGRAVIMÉTRIE (TGA) Ph. Eur. 2.2.34.	Siège de l'EDQM
MOpB7/01 Essai088	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination des cendres sulfuriques	Ph. Eur. 2.4.14.	Siège de l'EDQM

MOpB7/01 Essai033	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification et détermination quantitative (GC)	Chromatographie en phase gazeuse Ph. Eur. 2.2.46. Ph. Eur. 2.2.28.	Siège de l'EDQM
MOpB7/01 Essai034	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification et détermination quantitative (LC)	Chromatographie liquide Ph. Eur. 2.2.46. Ph. Eur. 2.2.29.	Siège de l'EDQM
MOpB7/01 Essai086	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification et détermination semi-quantitative (TLC)	Chromatographie sur couche mince Ph. Eur. 2.2.46. Ph. Eur. 2.2.27.	Siège de l'EDQM
Ph. Eur. 2.2.6.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination de l'indice de réfraction	Ph. Eur. 2.2.6.	Siège de l'EDQM
MOpB7/01 Essai013 MOpB7/01 Essai041	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination de la teneur en eau	- SEMI-MICRODOSAGE DE L'EAU (Karl Fischer - Ph. Eur. 2.5.12.) - MICRODOSAGE DE L'EAU (Ph. Eur. 2.5.32.)	Siège de l'EDQM

Ph. Eur. 2.2.47.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification et détermination quantitative	Electrophorèse capillaire - ÉLECTROPHORÈSE CAPILLAIRE DE ZONE Ph. Eur. 2.2.47.	Siège de l'EDQM
Ph. Eur. 2.9.3.	Formes pharmaceutiques solides orales (comprimé/capsule)	Test de dissolution	Essai de dissolution des formes solides - APPAREIL A PANIER ET A PALETTE Ph. Eur. 2.9.3.	Siège de l'EDQM
MOpB7/01 Essai046 MOpB7/01 Essai062	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination de la perte à la dessiccation	Loss on drying (LOD) Ph. Eur. 2.2.32.	Siège de l'EDQM
Ph. Eur. 2.2.14.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination du point de fusion	- METHODE INSTRUMENTALE Ph. Eur. 2.2.14.	Siège de l'EDQM
Ph. Eur. 2.2.7.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination du pouvoir rotatoire	Ph. Eur. 2.2.7.	Siège de l'EDQM
MOpB7/01 Essai104 et Essai106 MOpB7/01 Essai113	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Confirmation de la formule brute	Spectrométrie de masse Ph. Eur. 2.2.43.	Siège de l'EDQM

MOpB7/01 Essai012	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification	Spectrophotométrie d'absorption dans l'infrarouge Ph. Eur. 2.2.24.	Siège de l'EDQM
MOpB7/01 Essai090	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Identification et dosage	Spectrophotométrie d'absorption dans l'ultraviolet et le visible Ph. Eur. 2.2.25.	Siège de l'EDQM
MOpB7/01 Essai032	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Titration	Titration -DETERMINATION AUTOMATIQUE DU POINT DE FIN DE TITRAGE (ELECTRODES) -DETERMINATION DU POINT DE FIN DE TITRAGE AVEC INDICATEUR Ph. Eur. 2.2.19.; Ph. Eur. 2.2.20. Indice d'acide Ph. Eur. 2.5.1. Indice d'esters Ph. Eur. 2.5.2. Indice d'hydroxyle Ph. Eur. 2.5.3. Indice d'iode Ph. Eur. 2.5.4. Indice de peroxyde Ph. Eur. 2.5.5. Indice de saponification Ph. Eur. 2.5.6. Insaponifiable Ph. Eur. 2.5.7. Substances oxydantes Ph. Eur. 2.5.30.	Siège de l'EDQM
Ph. Eur. 2.2.3.	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination potentiométrique du pH	Ph. Eur. 2.2.3.	Siège de l'EDQM
MOpB7/01 Essai009	Substances à usage pharmaceutique selon la définition de la Ph. Eur.	Détermination de l'activité	Titrage microbiologique des antibiotiques - TITRAGE PAR DIFFUSION Ph. Eur. 2.7.2.	Siège de l'EDQM