

## THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

DQS has issued an IQNet recognized certificate that the organization

## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

with the organizational units/sites as listed in the annex

has implemented and maintains an Environmental Management System.

for the following scope:

Development, production and distribution of pharmaceuticals, chemical products and analytical systems.

which fulfills the requirements of the following standard:

ISO 14001: 2015

Issued on: 2020-12-17 Expires on: 2023-12-16

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document.

Registration number: DE-005356 UM15

THE INTERNATIONAL CERTIFICATION NETWORK

Alex Stoichitoiu President of IQNet Michael Drechsel Managing Director of DQS Holding GmbH



#### IQNet Partners\*:

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<sup>\*</sup> The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

005356

Merck KGaA Frankfurter Strasse 250 64293 Darmstadt

Including: **Real Estate GmbH Merck Performance Materials Germany GmbH Merck Healthcare KGaA** 

With regional offices at: Roesslerstrasse 96 64293 Darmstadt

Waldstrasse 3 64331 Weiterstadt

450237 Merck S.A. Estrada dos Bandeirantes, 1099 Rio de Janeiro - RJ 22710-571 **Brazil** 

450240 Merck Serono SA Zone Industrielle de l'Ouriettaz 1170 Aubonne

**Switzerland** 

Scope

Development, production and distribution of pharmaceuticals, chemical products and analytical systems.

Production and distribution of pharmaceuticals and chemical products.

Production and distribution of pharmaceuticals.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

450325 Merck Serono SA Corsier-sur-Vevey Rte de Fenil 25 1804 Fenil-sur-Vevey Switzerland

Development and production of pharmaceuticals.

450241 Merck & Cie Weisshausmatte 6460 Altdorf Switzerland

Production of chemical products.

450324 Merck & Cie Im Laternenacker 5 8200 Schaffhausen Switzerland

Development and production of chemical products.

527490 Sigma-Aldrich Chemie GmbH Industriestrasse 25 9470 Buchs SG Switzerland

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

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.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

#### 514696

Merck Display Materials (Shanghai) Ltd. First Floor and Second Floor Area B of 14th Building East Side and 15th building, No. 211 Qinqiao Road, Free Trade Zone 201206 Shanghai China Design, development, manufacture and distribution of liquid crystal materials; distribution of other chemical materials.

#### 518298

Merck Electronic Materials (Suzhou) Ltd. No. 70, Longpu Road, Industrial Park 215021 Suzhou City, Jiangsu Province China Production of photoresist products, edge bead rinse thinner, remover used for electronic industry.

#### 543386

Merck Pharmaceutical Manufacturing (Jiangsu) Co., Ltd. No. 168 Hexing Road NETDA 226010 Nantong, Jiangsu China

Pharma manufacturing (production and package).

#### 527728

Sigma-Aldrich Biochemie GmbH Georg-Heyken-Strasse 14 21147 Hamburg Germany Development, manufacturing and distribution of reagents for the synthesis of oligonucleotides and other Life Science Products.

240237 Merck KGaA Mainzer Strasse 41 64579 Gernsheim Germany

Development, production and distribution of chemical products.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location	Scope
518299 Merck Performance Materials GmbH Rheingaustrasse 190 - 196 65203 Wiesbaden Germany	Design and development, production and supply of photoresist and process chemicals for the electronic and printing industry.
505611 Merck Life Science GmbH Lilienthalstrasse 16 69214 Eppelheim Germany	Development, manufacture and distribution of culture media and systems for microbiology.
002955 Merck Schuchardt OHG Eduard-Buchner-Strasse 14 - 20 85662 Hohenbrunn Germany	Production and distribution of chemical products.
527592 Sigma-Aldrich Produktions GmbH Riedstrasse 2 89555 Steinheim Germany	Development and production of pharmaceuticals, chemical products and analytical systems.
527503 Sigma-Adrich Chemie GmbH Riedstrasse 2	Production and distribution of pharmaceuticals, chemical products and

analytical systems.

89555 Steinheim

Germany



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope 450321 Merck S.L.U. Production and distribution of Polígono Industrial Merck pharmaceuticals and chemical products. 08100 Mollet del Valles (Barcelona) **Spain** 426638 Merck S.L.U. Development and production of Calle de Batanes No 1 pharmaceuticals. 28760 Tres Cantos (Madrid) **Spain** 450274 Merck Biodevelopment S.A.S. Development and production of biological 1 rue Jacques Monod molecules for therapeutic use. 33650 Martillac Cedex **France** 478742 Merck Santé S.A.S. Development and production of Le Pressoir Vert pharmaceuticals. 45402 Semoy **France** 518302 **Merck Performance Materials SAS** Design, production and sale of colloidal silica L'Usine de la Motte

1 Rue du Flottage 60350 Trosly Breuil

**France** 



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

450275 Merck Santé S.A.S. 5, rue Clément Ader 62100 Calais France

Production of chemical products.

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

Manufacturing of devices and media for fluid analysis and purification.

Manufacturing of water purification systems for laboratories.

Engineering of filtration equipment.

Validation and scientific support to users.

450276 Merck Santé S.A.S. 10 Av. de Lattre de Tassigny 69330 Meyzieu France

Production of chemical products and distribution of pharmaceuticals.

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.

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 products and cell culture media and reagents.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

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

450286 P.T. Merck Tbk. Jl. TB. Simatupang no. 8 Pasar Rebo Jakarta 13760 Indonesia

Development, production and distribution of pharmaceuticals and chemical products.

540290

PT Merck Chemicals and Life Sciences Jl. TB. Simatupang No. 8 Pasar Rebo Jakarta 13760 Indonesia Sales, marketing and distribution of Life Science and Performance Material products.

518300

Merck Performance Materials Pvt. Ltd. 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.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

501956

Merck Life Science Private Limited 50 A & 51, 2nd Phase, Ring Road, Peenya Bangalore 560 058 India Manufacturing of filtration equipment and related products for biopharm, process solutions, biomonitoring, lab water, bioscience, laboratory testing, validation and compliance services.

530393

Sigma Aldrich Chemicals Private Limited # 12, Bommasandra Jigani Link Road Bangalore, Karnataka State 560100 India Development, manufacture, sales and distribution of specialty and fine chemicals.

505619

Merck Millipore Ltd. Tullagreen Carrigtwohill T45 KD29 County Cork Ireland 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.

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

The manufacture and supply of advanced pharmaceutical intermediates and active pharmaceutical ingredients and the procurement, sales and distribution of reagents and chemicals for research, development, production and analytical purposes.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope 450291 Inter-Lab Ltd. Development and distribution of Hakishon St. No. 18 pharmaceuticals. 81220 Yavneh 81101 Israel 527758 Sigma-Aldrich Israel Ltd. Development and manufacture of 3 Plaut St., Park Rabin biochemicals and biological reagents. Rehovot 7670603 Israel 527759 Sigma-Aldrich Israel Ltd. Development and manufacture of 13-15 Kiryat Hamada St., Har Hotzvim biochemicals and biological reagents.

Jerusalem 9777613 Israel

Merck Serono S.p.A. Via Luigi Einaudi 11 00012 Guidonia Montecelio Italy

Development and production of pharmaceuticals.

450311 Merck Serono S.p.A. Via della Magnolie 15 70026 Modugno (Bari) Italy

Production of pharmaceuticals.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

518301 Merck Performance Materials Ltd. Shizuoka Site 3330 Chihama, Kakegawa-shi, Shizuoka 437-1412 Japan

Development and production of photoresists for IC's and LCD's, other electronics materials-related chemical products (developer, thinner, rinse, remover, antireflective coating, adhesion promoter, insulating coating, protecting coating and electronic raw materials), functional coating.

537117 Merck Serono Co., Ltd. Atsugi Pharma Operations 4050, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa 243-0303 Japan

Visual inspection and packaging of Pharma products.

532377

Merck Performance Materials Ltd. Atsugi Site 4084, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa Pref. 243-0303 Japan Development, production and distribution of chemical products.

497387 Merck Ltd. Atsugi Site 4084, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa Pref. 243-0303 Japan

Distribution of Life Science products.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

527893 Merck Ltd. **Odaiba Site** Aomi 1-1-20, Divercity Tokyo Office tower 135-0064 Tokyo, Kotou-ku Japan

Performance test for products, product demonstration and hardware maintenance.

532379 **Merck Performance Materials Ltd. Arco Tower 5F, 1-8-1** Shimomeguro, Meguro-ku

Tokyo 153-8927

Japan

Sales of chemical products.

453292 Merck Ltd. **Arco Tower 5F, 1-8-1** Shimomeguro, Meguro-ku

Tokyo 153-8927

Japan

Sales of Life Science products.

497388

Merck Ltd. **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.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

532380
Merck Performance Materials Ltd.
Osaka Site
Senba Central Building 3F,
6-8 Hon-machi 2-chome, Chuo-ku,
Osaka 541-0053
Japan

Sales of chemical products.

453297 Merck Ltd. Osaka Site Senba Central Building 3F, 6-8 Hon-machi 2-chome, Chuo-ku, Osaka 541-0053 Japan

Sales of Life Science products.

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

Laboratory testing, validation and compliance services.

426640

Merck Performance Materials Ltd. Onahama Site 51-15 Izumimachi Kurosuno Aza Egoshi Iwaki-shi, Fukushima 971-8184 Japan Development, manufacture and distribution of chemical products.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

505622

Merck Performance Materials Ltd. 306, Pyeongtaekhang-Ro, Poseung-eup Pyeongtaek-shi, Gyeonggi-do 451-822 Republic of Korea Development, production and distribution of pharmaceuticals and chemical products.

518304

Merck Electronic Materials Ltd. 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.

547576

Versum Materials, Banwol Jangjagol Ro, 82 425-833 Danwon-gu Ansan-si, Gyeonggi-do, Republic of Korea Manufacture and transfill of specialty gases and chemicals.

547582

Versum Materials, US LLC Ansan #283, Haebong-Ro, Danwon-gu Ansan-Si 425-839 Republic of Korea Design and assembly of equipment to control limited distribution of gases and chemicals.

547591

Versum Materials, US LLC Shihwa Shiwa Ind., Complex 143, Hyeomnyeok-ro Siheung-si 429-450 Republic of Korea Manufacture and transfill of specialty gases and chemicals.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

547580 Versum Materials, US LLC Gyeonggi-do 88-19, Sandan-ro

Pyeongtaek-si,459-040 Republic of Korea Production of high purity chemicals.

547595

Versum Materials, US LLC Ulsan 48, Yonyeon-ro 98 beon-gil Nam-gu 680-150 Republic of Korea Manufacture and transfill of speciality gases and chemicals.

507107

Merck S.A. de C.V.
Calle 5 No. 7 Fracc. Ind. Alce Blanco
53370 Naucalpan de Juárez,
Estado de México,
Mexico

Production and distribution of pharmaceuticals.

506584

Merck, Inc. 24/F GT Tower International, 6813 Ayala Avenue 1227 Makati City, Metro Manila Philippines Marketing, sales and distribution of pharmaceutical drugs, chemical products and laboratory supplies and equipment.

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.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

518305

Merck Performance Materials Ltd. 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.

547592

Versum Materials, US LLC Taichung Branch Office No. 6, Dachen S. Road Wuci District Taichung City Taiwan

Provision of logistic and delivery services of associated specialty gases and chemicals for the electronic industries.

547587

Versum Materials, US LLC Nanke Sita A, No. 772, Singnong Road Shanhua District, Tainan 74160 Taiwan Manufacture and transfill of specialty gases and chemicals.

426643

Merck Performance Materials Ltd. No. 39, 39-1, Ching Chien 1st Road Kuan Yin Industrial Park Taoyuan Taiwan Development, production and distribution of chemical products.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

478744 EMD Serono Research Cent. 45A Middlesex Turnpike, Bedford Campus Billerica, MA 01821, United States of America

Development and production of pharmaceuticals.

547577 Versum Materials, US LLC 357 Marian Avenue

Tamaqua, PA 18252 United States of America Manufacture and transfill 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, 75241 United States of America Production of High Purity Chemicals.

547593

Versum Materials, US LLC Tempe 8555 South River Parkway Tempe, AZ 85284 United States of America Manufacture Chemical Mechanical Planarization and Polishing Solutions.



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Location	Scope
547584 Versum Materials, US LLC Carlsbad 1969 Palomar Oaks Way Carlsbad, CA 92011 United States of America	Manufacture of high purity materials and related containers.
505631 EMD Millipore Corp. 28820 Single Oak Drive Temecula, CA 92590 United States of America	Design and development, manufacture and distribution of research kits and chemicals.
450330 EMD Performance Materials Corp. 110 EMD Blvd. Savannah, GA 31402 United States of America	Design and development, manufacture and distribution of pigments.
496589 EMD Millipore Corp. 195 W. Birch Street Kankakee, IL 60901 United States of America	Design, development, manufacturing and distribution of Highly Purified Blood Proteins and Biologically Active Factors.
527748 SAFC Biosciences, Inc. 13804 West 107th Street Lenexa, KS 66215	Development, production and distribution of pharmaceuticals, chemical products and analytical systems.

**United States of America** 



## Merck KGaA

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Location Scope

527489
EMD Performance Materials Corp.
1429 Hilldale Avenue

Haverhill, MA 01832 United States of America Design, development and manufacture of high purity chemicals for industrial applications such as optoelectronics and semiconductor devices.

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

Design, Development and Manufacture of disposable bioprocessing systems

with associated organizations:

-54 Cherry Hill Drive, Danvers, MA 01923, USA -75 Sylvan Street Warehouse, Danvers, MA 01923, USA

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

With associated organizations:

3300 S 2nd St, St. Louis, MO 63118 3500 S Broadway, St. Louis, MO 63118 545 S Ewing Ave, St. Louis, MO 63103 2909 Laclede Ave, St. Louis, MO 6310 3050 Spruce St, St. Louis, MO 63103 2425 S 2nd St, St. Louis, MO 63104 Design, development, manufacturing, testing, QA, warehouse, maintenance of chemical reagents, raw materials, and components.

#### Exclusions:

- 1. Equipment and systems owned by customers and used for custom manufacturing.
- 2. Sites managed by contractors or other third parties and not directly controlled by Millipore Sigma.



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Frankfurter Strasse 250 64293 Darmstadt Germany

Location	Scope
492647 EMD Millipore Corp. 11 Prescott Road Jaffrey, NH 03452 United States of America	Manufacture, storage and distribution of membranes, purification systems and filtration products for bioprocess, healthcare and beverage industries.
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 bio-chemicals.
505606 EMD Millipore Corp. 2828 Highland Avenue Norwood, OH 45212 United States of America	Development, production and distribution of chemical products.

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.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

Design, development, manufacture, distribution and technical support of sample handling, chromatography and analytical supplies and services.

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

Manufacturing and development of colloidal silica.

527766

Sigma-Genosys of Texas LLC Dba Sigma Custom Products 9186 Six Pines Drive, Suite 100 The Woodlands, TX 77380 United States of America Manufacture and distribution 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 Development, production and distribution of high quality certified reference standards and certified components for test kits.

527739

Aldrich Chemical Co., LLC. 5485 County Highway V Sheboygan Falls, WI 53085 United States of America

Shipping and receiving, material management, manufacturing, packaging, quality control, maintenance, and waste management.



## Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

#### Location

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

533209 SAFC, Inc. 645 Science Dr. Madison, WI 53711 United States of America

With associated organization:

1101 Kettle Moraine Tr. Verona, WI 53593 United States of America

#### Scope

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

Support, development and manufacturing of high-potency API (HPAPI) and highly active and complex pharmaceutical ingredients.