

# 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 an Environmental Management System.

Scope:

Development, production and distribution of pharmaceuticals, 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 14001 : 2015

Certificate registration no.	005356 UM15
Date of revision	2022-04-28
Valid from	2020-12-17
Valid until	2023-12-16
Date of certification	2022-04-28



#### DQS GmbH

Hun

Markus Bleher Managing Director





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

005356 Merck KGaA Frankfurter Straße 250 64293 Darmstadt Germany

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

With regional offices at:

Waldstrasse 3 64331 Weiterstadt Germany

450237 Merck S.A. An affiliate of Merck KGaA, Darmstadt, Germany Estrada dos Bandeirantes, 1099 Rio de Janeiro - RJ 22710-571 Brazil

450240 Merck Serono SA An affiliate of Merck KGaA, Darmstadt, Germany 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 An affiliate of Merck KGaA, Darmstadt, Germany Corsier-sur-Vevey Rte de Fenil 25 1804 Fenil-sur-Vevey Switzerland

Development and production of pharmaceuticals.

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

Production of chemical products.

450324 Merck & Cie An affiliate of Merck KGaA, Darmstadt, Germany 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

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

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

543386 Merck Pharmaceutical Manufacturing (Jiangsu) Co., Ltd. An affiliate of Merck KGaA, Darmstadt, Germany No. 168 Hexing Road **NETDA** 226010 Nantong, Jiangsu P.R. China

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

31612449 Merck Site Management GmbH An affiliate of Merck KGaA, Darmstadt, Germany Mainzer Strasse 41 64579 Gernsheim Germany

Development, manufacturing and distribution of reagents for the synthesis of oligonucleotides and other Life Science Products.

Site Management Services.

Production of photoresist products, edge bead rinse thinner, remover used for electronic industry.

Design, development, manufacture and

distribution of liquid crystal materials; distribution of other chemical materials.

Scope

Pharma manufacturing (production and package).





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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

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

002955 Merck Schuchardt OHG An affiliate of Merck KGaA, Darmstadt, Germany Eduard-Buchner-Strasse 14 - 20 85662 Hohenbrunn Germany

527503 Sigma-Adrich Chemie GmbH Riedstrasse 2 89555 Steinheim Germany

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

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

Design and development, production and supply of photoresist and process chemicals for the electronic and printing industry.

Production and distribution of chemical products.

Production and distribution of pharmaceuticals, chemical products and analytical systems.

Production and distribution of pharmaceuticals and chemical products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

Scope

426638 Merck S.L.U. An affiliate of Merck KGaA, Darmstadt, Germany Calle de Batanes No 1 28760 Tres Cantos (Madrid) Spain

Development and production of pharmaceuticals.

450274 Merck Biodevelopment S.A.S. An affiliate of Merck KGaA, Darmstadt, Germany 1 rue Jacques Monod 33650 Martillac Cedex France

478742 Merck Santé S.A.S. An affiliate of Merck KGaA, Darmstadt, Germany Le Pressoir Vert 45402 Semoy France

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

450275 Merck Santé S.A.S. An affiliate of Merck KGaA, Darmstadt, Germany 5, rue Clément Ader 62100 Calais France Development and production of

pharmaceuticals.

molecules for therapeutic use.

Development and production of biological

Design, production and sale of colloidal silica

Production of chemical products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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

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. An affiliate of Merck KGaA, Darmstadt, Germany 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

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

527496 Sigma-Aldrich Co. Ltd. T/A SAFC Second Avenue Heatherhouse Industrial Estate Irvine KA12 8NB United Kingdom Manufacture of custom oligonucleotides. Sales and support of custom biomolecules and life science research products.

Development, manufacture and sale of clinical diagnostic products derived from biological sources products and cell culture media and reagents.

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





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

450286 P.T. Merck Tbk. An affiliate of Merck KGaA, Darmstadt, Germany JI. TB. Simatupang no. 8 Pasar Rebo Jakarta 13760 Indonesia Scope

Development, production and distribution of pharmaceuticals and chemical products.

540290

PT Merck Chemicals and Life Sciences An affiliate of Merck KGaA, Darmstadt, Germany JI. 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. 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.

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

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.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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

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

450291 Inter-Lab Ltd. Hakishon St. No. 18 81220 Yavneh 81101 Israel

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

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

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.

Manufacturing and distribution of pharmaceutical starting materials.

Development of pharmaceuticals.

Development and manufacture of biochemicals and biological reagents.

Development and manufacture of biochemicals and biological reagents.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

Scope

450296 Merck Serono S.p.A. An affiliate of Merck KGaA, Darmstadt, Germany Via Luigi Einaudi 11 00012 Guidonia Montecelio Italy

Development and production of pharmaceuticals.

450311 Merck Serono S.p.A. An affiliate of Merck KGaA, Darmstadt, Germany Via della Magnolie 15 70026 Modugno (Bari) Italy

Production of pharmaceuticals.

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

31612599 Merck Biopharma Co., Ltd. An affiliate of Merck KGaA, Darmstadt, Germany Atsugi Pharma Operations 4050, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa Pref. 243-0303 Japan Development and production of photoresists, dielectric materials and other electronics materials

Visual inspection and packaging of Pharma products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

453292 Merck Ltd.

Germany

Japan

Arco Tower 5F, 1-8-1 Shimomeguro, Meguro-ku

Tokyo 153-8927

Scope

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.

527893 Merck Ltd. An affiliate of Merck KGaA, Darmstadt, Germany Odaiba Site Aomi 1-1-20, Divercity Tokyo Office tower 15F 135-0064 Tokyo, Kotou-ku Japan

Performance test for products, product demonstration and hardware maintenance.

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

An affiliate of Merck KGaA, Darmstadt,

Sales of chemical products.

Sales of Life Science products.

Pos is member of



# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

Scope

Sales of chemical 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

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.

532380 Merck Performance Materials G.K. An affiliate of Merck KGaA, Darmstadt, Germany Osaka Site Senba Central Building 3F, 6-8 Hon-machi 2-chome, Chuo-ku, Osaka 541-0053 Japan

Sales of chemical products.

31612597 Merck Electronics Ltd. An affiliate of Merck KGaA, Darmstadt, Germany Osaka Site Senba Central Building 3F, 6-8 Hon-machi 2-chome, Chuo-ku, Osaka 541-0053 Japan

Sales of chemical products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

Scope

453297 Merck Ltd. An affiliate of Merck KGaA, Darmstadt, Germany 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. 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

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

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 Laboratory testing, validation and compliance services.

Development, manufacture and distribution of chemical products.

Development, production and distribution of pharmaceuticals and chemical products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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 Scope

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

Marketing, sales and distribution of reagents

for research purposes.

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

547576 Versum Materials, Banwol Jangjagol Ro, 82, 425-833 Danwon-gu, Ansan-si, Gyeonggi-do, Republic of Korea

547582 Versum Materials HYT Inc. #283, Haebong-Ro, Danwon-gu Ansan-Si 425-839 Republic of Korea

547591 Versum Materials, US LLC Shihwa Shiwa Ind., Complex 143, Hyeomnyeok-ro Siheung-si 429-450 Republic of Korea

547580 Versum Materials, US LLC Gyeonggi-do 88-19, Sandan-ro Pyeongtaek-si, 459-040 Republic of Korea and chemicals.

Manufacture and transfill of specialty gases

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

Manufacture and transfill of specialty gases and chemicals.

Production of high purity chemicals.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

547595 Versum Materials, US LLC Ulsan 48, Yonyeon-ro 98 beon-gil Nam-gu 680-150 Republic of Korea Scope

Manufacture and transfill of speciality 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

Production and distribution of pharmaceuticals.

506584 Merck, Inc. An affiliate of Merck KGaA, Darmstadt, Germany 24/F GT Tower International, 6813 Ayala Avenue 1227 Makati City, Metro Manila Philippines

527491 SAFC Hitech Taiwan Co., Ltd. No. 15, Luke 3rd Rd. Kaohsiung Science Park Luzhu Dist. 82151 Kaohsiung City Taiwan Marketing, sales and distribution of pharmaceutical drugs, chemical products and laboratory supplies and equipment.

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.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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

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

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

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

547577 Versum Materials, US LLC 357 Marian Avenue Tamaqua, PA 18252 United States of America Scope

Storage and distribution of specialty gases and chemicals.

Manufacture and transfill of specialty gases and chemicals.

Development, production and distribution of chemical products.

Development and production of pharmaceuticals.

Manufacture and transfill of specialty gases and chemicals.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

547585 Versum Materials, US LLC Catoosa 1115 West Keystone Catoosa, OK 74015 United States of America Scope

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

547593 Versum Materials, US LLC Tempe 8555 South River Parkway Tempe, AZ 85284 United States of America

547584 Versum Materials, US LLC Carlsbad 1969 Palomar Oaks Way Carlsbad, CA 92011 United States of America

505627 EMD Millipore Corp. 28820 Single Oak Drive Temecula, CA 92590 United States of America

450330 EMD Performance Materials Corp. 110 EMD Blvd. Savannah, GA 31402 United States of America Production of High Purity Chemicals.

Manufacture Chemical Mechanical Planarization and Polishing Solutions.

Manufacture of high purity materials and related containers.

Design and development, manufacture and distribution of research kits and chemicals.

Design and development, manufacture and distribution of pigments.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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

527748

SAFC Biosciences, Inc. 13804 West 107th Street Lenexa, KS 66219 United States of America

527489

EMD Performance Materials Corp. 1429 Hilldale Avenue Haverhill, MA 01832 United States of America

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

With associated organizations:

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

Design, development, manufacturing and distribution of Highly Purified Blood Proteins and Biologically Active Factors.

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

Design, development and manufacture of high purity chemicals for industrial applications such as optoelectronics and semiconductor devices.

Design, Development and Manufacture of disposable bioprocessing systems





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location

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 63101 3050 Spruce St, St. Louis, MO 63103 2425 S 2nd St, St. Louis, MO 63104

492647

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

518306

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

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

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

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

Exclusions:

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

Manufacture, storage and distribution of membranes, purification systems and filtration products for bioprocess, healthcare and beverage industries.

Design and manufacture of photoresist and related chemical products.

Manufacturing of high purity bio-chemicals.

Development, production and distribution of chemical products.





# Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

#### Location

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

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

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

#### 527766

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

#### 527762

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

#### 527739

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

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

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

Manufacturing and development of colloidal silica.

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

Development, production and distribution of high quality certified reference standards and certified components for test kits.

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.

