

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

DQS Holding GmbH 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 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

Issued on: 2019-01-17 Expires on: 2020-11-23

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 QM15

Alex Stoichitoiu
President of IQNet

Michael Drechsel Managing Director of DQS Holding GmbH



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^{*} 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 Scope

005356 Merck KGaA Frankfurter Straße 250 64293 Darmstadt

Including: Real Estate GmbH

With regional offices at: Roesslerstrasse 96 64293 Darmstadt

Gutenbergstrasse 10 64331 Weiterstadt

519160 Merck S. A. Tronador 4890 C1430DNN Buenos Aires Argentina

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

496580 Merck Pty. Limited 885 Mountain Highway Bayswater VIC 3153 Australia Development, manufacture and distribution of basic chemicals, special chemical products and analytical systems.

Import, warehousing, trading and distribution of chemical products, lab equipment and IVD's.

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

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

531355 Sigma-Aldrich BVBA SPRL Brusselsesteenweg 288 3090 Overijse Belgium

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

527487 Merck Bulgaria EAD 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) 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.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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.

541661 Merck S.A. (Brazil) Rua Torre Eiffel, 100 Cotia - SP 06705-481 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.

527768 Sigma Aldrich Brazil LTDA Rua Torre Eiffel, 100 Cotia - SP 06705-481 Brazil

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

527756 Sigma-Aldrich Canada Co. 2149 Winston Park Drive Oakville L6H 6J8 Canada

Sales and distribution of biochemical and organic chemical products and kits.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

450241 Merck & Cie Weisshausmatte 6460 Altdorf Switzerland

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.

496582 Merck S.A. Francisco de Paula Taforó 1981 - Ñuñoa 7780349 Santiago Chile

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

Service of installation, maintenance, repair and technical assist of instruments and equipment of laboratory.

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) and manufacture of disposal bio processing bags.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

519308 **Merck Limited** FLAT/RM 601-2, Li Po Chun Chambers, 189 Des Voeux Road Central Hongkong P. R. China

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

533161

Sigma Aldrich(Shanghai) Trading Co., Ltd Distribution and warehousing of Life Science #10 Building,509 Renging Road **Pudong District** 201201 Shanghai P. R. China

chemicals.

507106

P. R. China

Merck Chemicals (Shanghai) Co., Ltd. (Sales Office) 1 - 3F, Building 2, No. 88 Chenhui Road, **Zhangjiang Hi-Tech Park, Pudong District** 201203 Shanghai

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

China BioReliance 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.



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 P. R. China Design, development, manufacture and distribution of liquid crystal materials; distribution of other chemical materials.

521709

Merck Electronic Materials (Suzhou) Ltd. 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 Sale of photoresist products, edge bead rinse thinner and remover used for the electronic industry. Distribution of ancillary chemicals and additives used for electronic industry, including anti-reflective coating, developer and adhesion prompter.

518298

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

Distribution of ancillary chemicals and additives used for electronic industry, including anti-reflective coating, developer

531357 Sigma-Aldrich spol. s r.o. Na Hřebenech II 1718/10 140 00 Praha 4 Czech Republic

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

and adhesion promoter.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

| Location | Scope |
|--|--|
| 092560 Merck spol. s.r.o. Na Hrebenech II. 1718 / 10 140 00 Praha 4 Czech Republic | Marketing, sales and distribution (including after sales service) of laboratory chemicals, instruments, equipment and consumables; chemicals for production; analytical systems. |
| 273047 Biochrom GmbH Leonorenstrasse 2 - 6 12247 Berlin Germany | Production, development and distribution of cell culture products and sterile liquids. |
| 467000 Litec-LLL GmbH Siemensallee 1 Gebäude 67 17489 Greifswald Germany | Development and manufacture of phosphors. |
| 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. |
| 240237 Merck KGaA Mainzer Strasse 41 64579 Gernsheim Germany | Development, manufacture and sales 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, liquid crystals 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.

531362

Sigma-Aldrich Chemie GmbH Eschenstrasse 5 82024 Taufkirchen Germany

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

002955

Merck Schuchardt OHG Eduard-Buchner-Strasse 14 - 20 85662 Hohenbrunn Germany Manufacture, sales and distribution of chemicals for widespread applications in Pharma, Cosmetics and Technical Industry.

527503

Sigma-Adrich Chemie GmbH Riedstrasse 2 89555 Steinheim Germany Development, procurement, production and distribution of reagents and chemicals for research, development, production and analytical purpose.

Incl. Sigma Aldrich Production GmbH Riedstrasse 2 89555 Steinheim



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

| Location | Scope |
|---|---|
| 527729 Sigma-Aldrich Chemie GmbH Kappelweg 1 91625 Schnelldorf Germany | Storage, packaging and shipping of chemicals. |
| 531349 Sigma-Aldrich Denmark ApS Vandtårnsvej 62A, 5. A 2860 Søborg Denmark | Sales, customer excellence for laboratory and industrial chemicals. |
| 450321 Merck S.L.U. Polígono Industrial Merck 08100 Mollet del Valles (Barcelona) Spain | Manufacture and distribution of chemicals for regulated markets and special applications. |
| 531363 Sigma-Aldrich Química S.L. Calle de Maria de Molina, 40 28006 Madrid Spain | Sales, customer and technical service for laboratory and industrial chemicals. |
| 531352 Sigma-Aldrich Finland OY Keilaranta 6 02150 Espoo Finland | Sales, customer excellence for laboratory and industrial chemicals. |



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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 L'Usine de la Motte 1 Rue du Flottage 60350 Trosly Breuil France

Design, manufacturing and distribution of colloidal silica.

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

Design, development, production engineering, manufacturing and distribution of devices, media and equipment for fluid analysis and purification. Production engineering, manufacturing and distribution of water purification systems for laboratories. Deliver engineered systems and technical solutions. Validation and scientific support to users. Maintenance and repair for biomonitoring and process solution equipment. Technical and commercial support to customers.

534721 Merck Chimie SAS 10 Avenue de Lattre de Tassigny 69330 Meyzieu France

Development, production and sale of polymer microspheres mainly used as solid supports in diagnostic kits and marketed under the brand estapor.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

Design, development of water purification systems for laboratories.

527501 Sigma-Aldrich Co. Ltd. Fancy Road Poole, Dorset BH12 4QH United Kingdom

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

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.



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

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

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

Procurement, sales and distribution of reagents and chemicals for research, development, production and analytical purposes.

501978 Merck A.E. Hellas 41-45 Kifissias ave. 15123 Maroussi / Attica Greece

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

505613 Merck Kft. Október huszonharmadika utca 6 - 10 1117 Budapest Hungary

Distribution of laboratory and specialty chemicals and lab equipment. Servicing of distributed equipment.

531351 Sigma-Aldrich Kft. Október huszonharmadika utca 6 - 10 1117 Budapest Hungary

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

Development, production and distribution of pharmaceutical 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.

510831

Merck Life Science Private Limited Godrej One, 8th floor, Pirojshanagar, Eastern Express Highway, Vikhroli - East Mumbai, Vikhroli 400 079 India Development, manufacturing and marketing of microbiology products. Manufacturing and marketing of laboratory reagent. Marketing of laboratory products.

426641

Merck Life Science Pvt Ltd. Plot 11/1 Marwasodo Usgaon Ponda Goa 403 407 India Manufacturing of dehydrated culture media for microbiology application.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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.

501956

Merck Life Science Private Limited 50 A & 51, 2nd Phase, Ring Road, Peenya Bangalore 560 058 India

And regional offices in New Delhi, Ahmedabad, Bangalore, Kolkata, Mumbai and Hyderabad Design, manufacture, assembly, testing and supply of filtration equipment and related products for biopharm process solutions, biomonitoring, lab water, ASP(Analytical Sample Preparation), and provision of laboratory testing and validation service for filtration and single use products.

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.

505619
Merck Millipore Ltd.
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.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

Procurement, sales and distribution of reagents and chemicals for research, development, production and analytical purposes.

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 Sigma-Aldrich S.r.l. Via Monterosa 93 20149 Milano Italy

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

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

Development and production of photoresists and other electronics materials related to chemical product, functional coating.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

Manufacture and import sale of Custom Oligo DNA/RNA, custom Peptide and Antisera.

532377

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

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

Distribution of Life Science products.

532379

Merck Performance Materials Ltd. Arco Tower 5F, 1-8-1 Shimomeguro, Meguro-ku Tokyo 153-8927 Japan Sales of chemical products.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

453292 Merck Ltd. 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.

with Technical support / Bioscience / Life Science, Human resources, Procurement / Administration

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.

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.

With units BioReliance Validation Services, Process solutions Life Science



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

426640

Merck Performance Materials Ltd.
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. 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. 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.

505621

Merck Ltd. Korea Haesung-Building 15F 508 Teheran-ro, Gangnam-gu Seoul 06178 Republic of Korea Marketing, sales and distribution of pharmaceuticals and chemical products including central functions (HR and finance administration).

536979

Sigma Aldrich Korea Ltd. 30, Jugyang-daero 1650 beon-gil, Wonsam-myeon, Cheoin-gu, Yongin-si Gyeonggi-do 17166 Republic of Korea Marketing, sales and distribution of reagents for research purposes.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

| Location | Scope |
|--|---|
| 507107 Merck S.A. de C.V. Calle 5 No. 7 Fracc. Ind. Alce Blanco 53370 Naucalpan de Juárez Estado de México Mexico | Sales, distribution and after sales of products and equipment of Life Science and Performance Materials business sectors. |
| 506583 Merck Chemicals B.V. Haarlerbergweg 21 - 23 1101 CH Amsterdam Zuidoost Netherlands | Customer orders and cash processing. |
| 531365 Sigma-Aldrich Chemie BV Stationsplein 4E 3331 LL Zwijndrecht Netherlands | Sales, customer and technical service for laboratory and industrial chemicals. |
| 531354 Sigma-Aldrich Norway AS Drammensveien 123 0277 Oslo Norway | Sales, customer excellence for laboratory and industrial chemicals. |
| 506584 Merck, Inc. 24/F GT Tower International, 6813 Ayala Avenue 1227 Makati City, Metro Manila | Marketing, sales and distribution of chemical products, laboratory supplies and equipment. |

Philippines



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

531356 Sigma-Aldrich Sp. z o. o., ul. Szelągowska 30 61-626 Poznań Poland

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

531358

Sigma-Aldrich Química, S.L. Sucursal em Portugal Edifício DUO Miraflores, Alameda Fernão Lopes, 12 - 5A, B e 4B 1495-190 Algés Portugal Sales of laboratory and industrial chemicals.

528833

Merck Romania SRL Str. Gara Herastrau 4D, Sector 2 020334 Bucharest Romania

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

496590 Merck Pte Ltd. (Life Science) **Merck Millipore** 2 Science Park Drive # 05-01/12 Ascent Building Singapore 118222

Singapore

Warehouse: 5 Tuas Ave 3, #03-00

Warehouse B Singapore 639405

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.

527484 Merck d.o.o. Serbia Omladinskih brigada 90v 11070 Belgrade Serbia

Wholesale trade of medicines and medical devices.

Sales, marketing and distribution of

Science and purification products.

chemicals, laboratory equipment and

consumables, filtration, separation, Life

531348 Sigma-Aldrich spol. s r.o. Dvořákovo nábrežie 4 810 06 Bratislava Slovakia

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

531360 Sigma-Aldrich Sweden AB Solkraftsvägen 14C 135 70 Stockholm Sweden

Sales, customer and technical service and distribution of laboratory and industrial chemicals.

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. 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.

426643

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

505627 EMD Millipore Corp. 26578 Old Julian Highway Ramona, CA 92065 United States of America

Manufacturing of research use only immunoassay kits.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

534975
EMD Performance Materials - Ormet Circuits, Inc
6555 Nancy Ridge Drive Suite 200
San Diego, CA 92121
United States of America

The design, development and manufacture of conductive pastes, inks and other materials for electronic applications.

505631 EMD Millipore Corp. 28820 Single Oak Drive Temecula, CA 92590 United States of America

Design and development, manufacture, technical support and distribution of research use only immunoassay kits. Bioscience global technical and sales support organization.

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.

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

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

527749 SAFC Biosciences, Inc. 11296 Renner Boulevard Lenexa, KS 66215 United States of America

Design, control, procurement and distribution of sera and dry powder media.

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

Design, control, procurement, manufacturing and distribution of sera, dry powder media, as well as repackaging of raw materials.

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.

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.

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.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

527489 EMD Performance Materials Corp. 1429 Hilldale Avenue Haverhill, MA 01832 United States of America

Manufacturing high purity chemicals for optoelectronics and semiconductor devices.

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

Danvers single-use manufacturing.

527745 Sigma-Aldrich 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.

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



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

Location Scope

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

With associated organizations: 3300 South Second Street (Cherokee) St. Louis, MO 63118

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

Manufacture of membrane and filtration products.

Design, development, customer processes,

manufacturing, testing, QA, warehousing,

maintenance of chemical reagents, raw

materials and components.

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.

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

Design and development, manufacture and distribution of high purity organic solvents, organic chemicals/ reagents, acids and chemical specialities.



Merck KGaA

Frankfurter Strasse 250 64293 Darmstadt Germany

| Location | Scope |
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|----------|-------|

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

The design, development, manufacture, distribution and technical support 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.

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

Distribution of dry powder media and repackaging of raw materials.



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

Manufacture of DNA, siRNA, AQUA and PEPscreen 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, analytes and chemical reagents.

527738

Aldrich Chemical Co., LLC 6000 North Teutonia Avenue Milwaukee, WI 53209 United States of America Development, procurement, production, testing, sales and distribution of chemicals, reagents and laboratory equipment for research, development, production and analytical purposes.

With associated organizations at Milwaukee Emmber Lane, Sheboygan Falls and Port Washington.



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, manufacturing, certify and distribute, certified reference materials and proficiency testing materials and to conduct laboratory proficiency testing program.

505624 Merck (Pty) Ltd. Modderfontein & Wadeville 1 Friesland Drive Longmeadow Business Estate Modderfontein 1645 South Africa

Sales, marketing and distribution of locally produced and imported goods for Life Science industry, pigments and cosmetics, and laboratory consumables. This includes installing, maintaining, repairing and validating Lab Water-, Bioscience-, Biomonitoring- and Third Party systems.