



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 **Occupational Health and Safety 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 45001 : 2018

Certificate registration no.	005356 OHS18
Valid from	2023-11-18
Valid until	2026-11-17
Date of certification	2023-11-09



DQS GmbH

Christian Gerling
Managing Director

DQS IS A MEMBER OF





Annex to certificate Registration No. 005356 OHS18

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

005356
Merck KGaA
Frankfurter Straße 250
64293 Darmstadt
Germany

Including:

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

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

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

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

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

Including:

Sigma-Aldrich Chemie GmbH

Scope

SM: Operating of infrastructure, internal service provider, supply and disposal.

EL-DOD: Manufacture and distribution of basic chemicals, special chemical products and analytical systems.
EL-OT: Process Development of basic chemicals, special chemical products and analytical systems.

LS-O: Development, manufacture and distribution of chemical products and analytical systems.

Production and quality control of pharmaceutical products.

Development, manufacturing and distribution of Life Science Products.



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Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

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
China

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

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.

518299

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

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



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Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

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

Production and distribution of pharmaceuticals and chemical products.

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.

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

Production of chemical products.

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.



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Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

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.

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, 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 biopharma, process solution, biomonitoring, lab water, bioscience, laboratory testing, validation and compliance services.



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Scope

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.

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

Manufacturing and distribution of pharmaceutical starting materials.

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

Development and manufacture of biochemicals and biological reagents.

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

Development and manufacture of biochemicals and biological reagents.

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

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



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Scope

31612599
Merck Biopharma Co., Ltd.
An affiliate of Merck KGaA, Darmstadt,
Germany
Atsugi Pharma Operations
4050, Nakatsu, Aikawa-machi, Aiko-gun
Kanagawa 243-0303
Japan

Visual inspection and packaging of pharmaceutical 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 chemical products.

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, manufacture and distribution 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.



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Scope

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.

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.

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.



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Scope

547580
Versum Materials SPC Korea Ltd
88-19, Sandan-ro
Pyeongtaek-si, 459-040
Republic of Korea

Production of high purity chemicals.

547595
Versum Materials PM Korea Inc.
48, Yongyeon-ro 98 beon-gil Ulsan-si
Nam-gu 680-150
Republic of Korea

Manufacture and transfill of specialty gases and 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.
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.

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

Storage and distribution of specialty gases and chemicals.



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64293 Darmstadt
Germany

Location

Scope

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.

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.

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, TX 75241
United States of America

Production of High Purity Chemicals.



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Scope

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.

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

Design and development, manufacture and
distribution of pigments.

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

Design and manufacture of photoresist and
related chemical products.

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

Process development and production of
therapeutic proteins by biotechnology.

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

Development, manufacturing and distribution
of reagents for the synthesis of
oligonucleotides.



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Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

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

Manufacture, Packaging, and Distribution of chemical and associated products.

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.

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.

492647
EMD Millipore Corp.
480 Turnpike Road
Jaffrey, NH 03452
United States of America

Manufacture of filters and membrane for the biopharmaceutical industry.

450324
Merck & Cie KmG
An affiliate of Merck KGaA, Darmstadt,
Im Laternenacker 5
8200 Schaffhausen
Schweiz

R&D, production of reduced folates, drug delivery compounds, API, custom synthesis.



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

The manufacture and packaging of chromatography products for analysis and purification.

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

Production of Raw Materials for Life Sciences.

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

Extraction & purification of cholesterol & protein products for the Life Science market.

527748
SAFC Biosciences, Inc.
13804 West 107th Street
Lenexa, KS 66219
United States of America

Manufacturing, labs, and R&D.

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.

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.



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Scope

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

Manufacture of membrane, analytical devices and chromatography media.

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

Development and manufacture of Monoclonal Antibodies for blood typing.

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

Engineering, manufacture of: Devices, Equipment, Media for fluid analysis and purification - Systems & technical solutions and Single Use Component for fluid storage, filtration and separation - Water purification systems for laboratories. Scientific, technical and validation support to customers.

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

Design, Development and Manufacturing.



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Location

**31615734
Sigma-Aldrich Manufacturing LLC
3050 Spruce Street
St. Louis, MO 63103
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**

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

**527739
Aldrich Chemical Co., LLC.
5485 County Highway V
Sheboygan Falls, WI 53085
United States of America**

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

Scope

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.

Development, production and distribution of chemical products.

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

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



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Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

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).

31618033

**Merck Ltd. Korea
An affiliate of Merck KGaA, Darmstadt,
Germany
113, Songdogukje-daero 343beon-gil
Yeonsu-gu,
Incheon 21991
Republic of Korea**

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

31615731

**SAFC Carlsbad, Inc.
6211 El Camino Real
Carlsbad, CA 92009
United States of America**

Production of Viral Vectors for Gene Therapy.

With associated organization:

**2827 Whiptail Loop
Carlsbad, CA 92009**