



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  
**Occupational Health and Safety 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 45001 : 2018

Issued on: 2020-11-18  
Expires on: 2023-11-17

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 OHS18

  
Alex Stoichitoiu  
President of IQNet

  
Michael Drechsel  
Managing Director of  
DQS Holding GmbH



IQNet Partners\*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy  
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA  
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland  
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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](http://www.iqnet-certification.com)





## Annex to IQNet Certificate Number: 005356 OHS18

### Merck KGaA

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#### Location

**005356**  
**Merck KGaA**  
**Frankfurter Strasse 250**  
**64293 Darmstadt**  
**Germany**

**with the entities**  
**Performance Materials Operations (PM-O),**  
**Site Management (SM), Healthcare**  
**Operation (HO) and Life Science**  
**Operations (LS-O)**

#### Scope

PM-DOD: Manufacture and distribution of basic chemicals, special chemical products and analytical systems.

PM-OT: Process Development of basic chemicals, special chemical products and analytical systems

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

HO: Production and distribution of chemicals.

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

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

Development, manufacturing and distribution of Life Science Products.

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

Development, manufacturing and distribution of Life Science Products.



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Location	Scope
<b>514696</b> <b>Merck Display Materials (Shanghai) Ltd.</b> <b>First Floor and Second Floor Area B of</b> <b>14th Building East Side and 15th building,</b> <b>No. 211 Qinqiao Road, Free Trade Zone</b> <b>201206 Shanghai</b> <b>China</b>	Design, development, manufacture and distribution of liquid crystal materials; distribution of other chemical materials.
<b>518298</b> <b>Merck Electronic Materials (Suzhou) Ltd.</b> <b>No. 70, Longpu Road, Industrial Park</b> <b>215021 Suzhou City, Jiangsu Province</b> <b>China</b>	Production of photoresist products, edge bead rinse thinner, remover used for electronic industry.
<b>240237</b> <b>Merck KGaA</b> <b>Mainzer Strasse 41</b> <b>64579 Gernsheim</b> <b>Germany</b>	Development, production and distribution of chemical products and analytical systems.
<b>518299</b> <b>Merck Performance Materials GmbH</b> <b>Rheingaustrasse 190 - 196</b> <b>65203 Wiesbaden</b> <b>Germany</b>	Design and development, production and supply of photoresist, liquid crystals and process chemicals for the electronic and printing industry.
<b>450321</b> <b>Merck S.L.U.</b> <b>Polígono Industrial Merck</b> <b>08100 Mollet del Valles (Barcelona)</b> <b>Spain</b>	Production and distribution of pharmaceuticals and chemical products.



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Location	Scope
<b>518302</b> <b>Merck Performance Materials SAS</b> L'Usine de la Motte 1 Rue du Flottage 60350 Trosly Breuil France	Design, production and sale of colloidal silica.
<b>450275</b> <b>Merck Santé S.A.S.</b> 5, rue Clément Ader 62100 Calais France	Production of chemical products.
<b>450276</b> <b>Merck Santé S.A.S.</b> 10 Av. de Lattre de Tassigny 69330 Meyzieu France	Production of chemical products and distribution of pharmaceuticals.
<b>527496</b> <b>Sigma-Aldrich Co. Ltd.</b> T/A SAFC Second Avenue Heatherhouse Industrial Estate Irvine KA12 8NB United Kingdom	Manufacturing of cell culture related critical raw materials for the global health care industry.
<b>540290</b> <b>PT Merck Chemicals and Life Sciences</b> JI. TB. Simatupang No. 8 Pasar Rebo Jakarta 13760 Indonesia	Sales, marketing and distribution of Life Science and Performance Material products.



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<b>518300</b> <b>Merck Performance Materials Pvt. Ltd.</b> <b>Khopoli Site</b> <b>Survey No 109, 110, 112 Savroli Village,</b> <b>Taluka Khalapur, Dist. Raigad</b> <b>Maharashtra 410 203</b> <b>India</b>	Design, development, manufacturing, marketing and sales of silicon resins (polysilazanes and silazanes) and formulations.
<b>501956</b> <b>Merck Life Science Private Limited</b> <b>50 A &amp; 51, 2nd Phase, Ring Road, Peenya</b> <b>Bangalore 560 058</b> <b>India</b>	Manufacturing of filtration equipment and related products for biopharma, process solution, biomonitoring, lab water, bioscience, laboratory testing, validation and compliance services.
<b>530393</b> <b>Sigma Aldrich Chemicals Private Limited</b> <b># 12, Bommasandra Jigani Link Road</b> <b>Bangalore, Karnataka State 560100</b> <b>India</b>	Development, manufacture, sales and distribution of specialty and fine chemicals.
<b>527495</b> <b>Sigma-Aldrich Ireland Ltd.</b> <b>Vale Road</b> <b>Arklow, County Wicklow</b> <b>Ireland</b>	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.



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<b>527758</b> Sigma-Aldrich Israel Ltd. 3 Plaut St., Park Rabin Rehovot 7670603 Israel	Development and manufacture of biochemicals and biological reagents.
<b>527759</b> Sigma-Aldrich Israel Ltd. 13-15 Kiryat Hamada St., Har Hotzvim Jerusalem 9777613 Israel	Development and manufacture of biochemicals and biological reagents.
<b>518301</b> 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.
<b>537117</b> Merck Serono Co., Ltd. Atsugi Pharma Operations 4050, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa 243-0303 Japan	Visual inspection and packaging of pharmaceutical products.
<b>532377</b> Merck Performance Materials Ltd. Atsugi Site 4084, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa Pref. 243-0303 Japan	Development, production and distribution of chemical products.



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Location	Scope
<b>497387</b> Merck Ltd. Atsugi Site 4084, Nakatsu, Aikawa-machi, Aiko-gun Kanagawa Pref. 243-0303 Japan	Distribution of chemical products.
<b>426640</b> 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.
<b>505622</b> Merck Performance Materials Ltd. 306, Pyeongtaekhang-Ro, Poseung-eup Pyeongtaek-shi, Gyeonggi-do 451-822 Korea	Development, manufacture, marketing, sales and servicing of chemicals.
<b>518304</b> Merck Electronic Materials Ltd. 50-14 Hyupdongdanji-gil, Miyang-myeon Anseong-si, Gyeonggi-do 17600 Korea	Research, development, production, inspection and testing of light-sensitive materials and related processing chemicals for semiconductor industry.
<b>547576</b> 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.



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<b>547582</b> 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.
<b>547591</b> 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.
<b>547580</b> Versum Materials, US LLC 88-19, Sandan-ro Pyeongtaek-si, 459-040 Republic of Korea	Production of high purity chemicals.
<b>547595</b> Versum Materials, US LLC Ulsan 48, Yonyeon-ro 98 beon-gil Nam-gu 680-150 Republic of Korea	Manufacture and transfill of specialty gases and chemicals.
<b>527491</b> 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.





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<b>518305</b> <b>Merck Performance Materials Ltd.</b> <b>No. 458-6, 8 &amp; 11, Xinxing Rd.,</b> <b>Hu Kuo Township</b> <b>Hsinchu County</b> <b>Taiwan</b>	Development and manufacture of photo-resist products, top-layer anti-reflective coating materials and other chemical products.
<b>547592</b> <b>Versum Materials, US LLC Taichung</b> <b>Branch Office</b> <b>No. 6, Dachen S. Road</b> <b>Wuci District</b> <b>Taichung City</b> <b>Taiwan</b>	Provision of logistic and delivery services of associated specialty gases and chemicals for the electronics industry.
<b>547587</b> <b>Versum Materials, US LLC Nanke</b> <b>Sita A, No. 772, Singnong Road</b> <b>Shanhua District</b> <b>Tainan 74160</b> <b>Taiwan</b>	Manufacture and transfill of specialty gases and chemicals.
<b>426643</b> <b>Merck Performance Materials Ltd.</b> <b>No. 39, 39-1, Ching Chien 1st Road</b> <b>Kuan Yin Industrial Park</b> <b>Taoyuan</b> <b>Taiwan</b>	Development, manufacture and distribution of chemical products.
<b>547577</b> <b>Versum Materials, US LLC</b> <b>357 Marian Avenue</b> <b>Tamaqua, PA 18252</b> <b>United States of America</b>	Manufacture and transfill of specialty gases and chemicals.



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<b>547585</b> <b>Versum Materials, US LLC Catoosa</b> <b>1115 West Keystone</b> <b>Catoosa, OK 74015</b> <b>United States of America</b>	Manufacture and transfill of specialty gases and chemicals.
<b>547586</b> <b>Versum Materials, US LLC Dallas</b> <b>8201 S. Central Express Way</b> <b>Dallas, TX 75241</b> <b>United States of America</b>	Production of High Purity Chemicals.
<b>547593</b> <b>Versum Materials, US LLC Tempe</b> <b>8555 South River Parkway</b> <b>Tempe, AZ 85284</b> <b>United States of America</b>	Manufacture Chemical Mechanical Planarization and Polishing Solutions.
<b>547584</b> <b>Versum Materials, US LLC Carlsbad</b> <b>1969 Palomar Oaks Way</b> <b>Carlsbad, CA 92011</b> <b>United States of America</b>	Manufacture of high purity materials and related containers.
<b>450330</b> <b>EMD Performance Materials Corp.</b> <b>110 EMD Blvd.</b> <b>Savannah, GA 31402</b> <b>United States of America</b>	Design and development, manufacture and distribution of pigments.



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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.

**518306**

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

Design and manufacture of photoresist and related chemical products.

**518307**

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

Manufacturing and development of colloidal silica.