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THE INTERNATIONAL CERTIFICATION NETWORK

ERTIFICATE

IQNet and

DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen hereby certify that the company

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 analyzer systems

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

Valid from 2014-11-24 Valid until 2017-11-23 Date of certification 2014-11-24

Registration number: DE-005356 QM08



Michael Drechsel President of IQNet G. Blechschung Götz Blechschmidt

Managing Director of DQS GmbH

IQNet Partners*:

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Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

519160 Merck Quimica Argentina Tronador 4890 C1430DNN Buenos Aires Argentina

Import, warehousing, trading and distribution of Chemical products, lab equipment and IVDs.

496580 Merck Pty. Limited 885 Mountain Highway Bayswater VIC 3153 Australia

Distribution of chemicals, laboratory equipment and consumables, filtration, separation, life science and purification products.

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

Manufacture and distribution of pharmaceutical products, micronutrient mixtures and prepared culture media. Distribution of chemical products and pharmaceutical ingredients, instruments and laboratory equipments.

504300
Beijing Skywing Technology Co., Ltd
No. 11, Baifuquan Road
Changping Science Park
Beijing
P. R. China

R&D, manufacture and services of cell culture media and design, manufacture and service of mechanical stirred-tank bioreactor for animal cell cultivation.

519308 Merck Limited No. 3, Lockhart Road, Wanchai 201203 Hongkong P. R. China

Sales, supply and innovation of Merck Chemical products and solutions.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

504302

Merck Millipore Lab Equipment (Shanghai) Co., Ltd 2# building, 428 Sanbang Road Songjiang district Shanghai P. R. China Manufacture and service of lab water equipment.

507106

Merck Chemicals (Shanghai) Co., Ltd. Building 2, No.88 Chenhui Road, Zhangjiang Hi-Tech Park, Pudong Shanghai 201203 P. R. China Bioscience Global Technical & Sales Support.

514696

Merck Display Materials (Shanghai) Ltd. East side of building 7, No. 211 Qinqiao Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai 201206 P. R. China

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

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.



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.

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

Design, development, production engineering, manufacturing and distribution of filtration units for fluid analysis and purification.

Production engineering, manufacturing and distribution of water purification systems for laboratories.

Design, installation, commissioning and sale of filtration equipments.

Technical and scientific support to users. Maintenance and repair for bioMonitoring division.

Bioscience Global Technical & Sales Support.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

488214 Merck KGaA Frankfurter Straße 250 64293 Darmstadt Germany

Development, manufacture and sales of chemical products and analyzer systems.

With the units

EQ - Environment, Health, Safety, Security,

Quality

HR – Group Human Resources

MM - Merck Millipore

PM - Performance Materials with sub-units

PM - Advanced Technologies

PM - Liquid Crystals

PM - Pigments & Cosmetics

PM - Operations

PO - Group Procurement

SO - Site Operation Darmstadt/Gernsheim

240237 Merck KGaA Mainzer Straße 41 64579 Gernsheim Germany

Development, manufacture and sales of chemical products.

273047 Biochrom AG Leonorenstr. 2 - 6 12247 Berlin Germany

Production, development and distribution of cell culture products and sterile liquids.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

505611 heipha Dr. Müller GmbH Lilienthalstraße 16 69214 Eppelheim Germany

Development, manufacture and distribution of culture media and systems for microbiology.

502434 Merck KGaA Wernher-von-Braun-Straße 9 69214 Eppelheim Germany

Production and service of instruments for hygiene control.

467000 Litec LLL GmbH Siemensallee 1 Gebäude 67 17489 Greifswald Germany

Development and manufacture of phosphors.

002955 Merck Schuchardt OHG Eduard-Buchner-Straße 14-20 85662 Hohenbrunn Germany

Manufacture, sales and distribution of chemicals for wide-spread applications in Pharma, Cosmetics and Technical Industry.

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

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



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

505613

Merck Vegyi- és Gyógyszeripari Kereskedelmi Kft. Október huszonharmadika u. 6-10 1117 Budapest Hungary Distribution of pharmaceuticals, laboratory and specialty chemicals and laboratory equipment. Servicing of the distributed equipment. Pharmacovigilance.

501956

Millipore (India) Private Ltd. 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, sales and servicing of Filtration Equipment and Related Products for Biopharm Process Solutions, BioMonitoring, Lab Water, Bioscience, Bioscience Global Technical & Sales Support Organization and Laboratory Testing, Validation and Compliance Services.

505618

Merck Specialties Private Ltd., Genei No. 6, VI Main Industrial Suburb Near SRS Road Peenya, Bangalore 560 058 India

Design, development, production and testing of bioscience products and customer services.

426641 Merck Ltd. Plot 11/1 Marwasodo Usgaon Ponda Taluka Goa 403 407 India

Development and manufacture of Microbiology Products.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

510831

Merck Specialities Private Ltd. Dr. Annie Besant Road Mumbai, Worli 400018 India Development, Manufacturing and Marketing of Microbiology Products. Manufacturing and Marketing of Laboratory Reagent. Marketing of Laboratory Products.

450286

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

Development, production and distribution of pharmaceuticals and chemical products.

505619 Merck Millipore Ltd. Tullagreen Carrigtwohill County Cork Ireland

Manufacture of filtration products for the pharmaceutical, food, beverage, electronic and analytical industries. Manufacture of controlled pore glass.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

453292 Merck Ltd. Arco Tower 5F 8-1 Shimomeguro 1-chome Meguro-ku 153-8927 Tokyo Japan

Sales of chemical products. Bioscience Global Technical & Sales Support Organization.

With the departments
Performance Materials Liquid Crystals
Performance Materials Pigments &
Cosmetics, Operations
Technical Support, Bioscience/Merck
Millipore
Human Resources/
Procurement/Administration

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

Design, development and manufacture of chemical products.

With the departments Performance Materials Liquid Crystals Operations

497388 Merck Ltd. Baraki Technical Center 2526-26 Baraki Ichikawa Chiba-ken Japan

Stock holding and provision of repair for filtration products and analytical instrumentation.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

426640 Merck Ltd. Onahama Site 51-15 Aza Egoshi, Kurosuno Izumi-machi, Iwaki-shi 971-8184 Fukushima-ken Japan

Development and manufacture of chemical products.

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

Laboratory testing, validation and compliance services.

With units Provantage Lab, Process Solutions, Merck Millipore

505622

Merck Advanced Technologies Ltd. 1173-2, Wonjeong-ri, Poseung-eup Pyeongtaek-si Gyeonggi-do, 451-822 Korea Development, manufacture, conditioning, marketing & sales and servicing of liquid crystal mixtures.

505621

Merck Ltd. Korea Pyeongtaek-si, Gyeonggi & Gangnam-gu Seoul Korea

Marketing, sales and distribution of pharmaceuticals and chemical products including central functions (HR and finance administration).



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

507107

Merck S.A. de C.V & Millipore S.A. de C.V. Calle 5 No. 7, Naucalpan de Juárez, Edo. de México, C.P. 53370 Mexico

Sales, distribution and after sales of products and equipment of Chemicals Division of Merck Millipore & Performance Materials.

506583

Millipore International Holding Company B.V. European Customer Services Center NL-1101 CH Amsterdam Zuidoost The Netherlands

Customer orders and cash processing.

450233

Merck Pharmaceuticals (Pvt.) Ltd. F - 126, S.I.T.E Karachi Pakistan

Manufacture and distribution of soft gelatin pharmaceutical products.

450312

Merck (Pvt.) Ltd. 7, Jail Road Quetta-87300 Pakistan Formulation, manufacturing and export of pharmaceuticals, as well as marketing, sales and distribution of pharmaceuticals, chemicals and reagents, solvents, diagnostic kits, equipments and services.

506584

Merck Inc. 24th-25th Floor, 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.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location

Scope

496590

Merck Pte Ltd. (Merck Millipore Division) 3, International Business Park, #02-01 Nordic European Centre Singapore 609927

Warehouse: 5 Tuas Ave 3, #03-00 Warehouse B Singapore 639405

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

497391 Merck S.L. María de Molina, 40 28006 Madrid Spain

450321 Merck S.L. Polígono Industrial Merck 08100 Mollet del Valles Barcelona Spain Sales, marketing and distribution of chemicals, laboratory equipment and consumables, filtration, separation, life science and purification products.

Sales, marketing and distribution of locally produced and imported goods including pharmaceuticals, consumer health care products, specialty chemicals and laboratory consumables. Installing, maintaining, repairing and validating Lab Water, Bioscience, BioMonitoring and Third Party systems.

Management of mecical devices and customer services Pharma. Management of activities and medical-scientific & pharmacovigilance responsibilities. HR (Training, recruitment and HR administration). Procurement service.

Commercialization and production of chemicals. Management of regulatory activities. Supply Chain management. Plant engineering, equipment & installation maintenance. HR (training, recruitment and HR administration). Procurement.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

426638 Merck S.L. Calle de Batanes No 1 28760 Tres Cantos (Madrid) Spain

HR (training, recruitment and HR administration). Procurement service.

426643 Merck Display Technologies Ltd. No. 39, Ching Chien 1st Road Kuan Yin Industrial Park 328 Taoyuan Taiwan

Development, manufacture and distribution of chemical products.

513729
Millipore (UK) Ltd
Unit 31 Number One Industrial Estate
Consett
DH8 6SZ
United Kingdom

Manufacture and supply of chromatography adsorbents, immobilized enzymes and other ligands for modification and purification of biomolecules and optimization of the use thereof.

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.



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Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

506586

Merck Chemicals Ltd.
Boulevard Industrial Park, Padge Road
Beeston, Nottingham
NG9 2JR
United Kingdom

Sales, marketing, procurement, stockholding and management of storage and distribution of commercial chemicals, pigments, bioscience products, cell culture media and environmental monitoring devices. Provision of calibration services for environmental monitoring devices. Bioscience Global Technical & Sales Support Organization.

496583 EMD Millipore Corp. 80 Ashby Rd Bedford, MA 01730 USA Design, development and customer support of purification and separation media for life science applications as well as Expression Technology and products for cell culture. Manufacture of membranes.

496285 EMD Millipore Headquarters 290 Concord Rd. Billerica, MA 01821 USA

Divisional Quality Assurance and supply chain management. Laboratory testing, validation and compliance service. Services and repair for all lab water instruments; Milliflex, Steritest, DA-100 and MAS-100 product lines. Processing of customer orders and customer support.

496587 EMD Millipore Corp. 17 Cherry Hill Drive Danvers, MA 01923 USA

Design and development of membrane and membrane filtration devices. Manufacture of disposable Bio processing assemblies. Bioscience Global Technical & Sales Support Organization.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

492647 EMD Millipore Corp. 11 Prescott Road Jaffrey, NH 03452 USA

Manufacture of membrane and filtration products.

496589 EMD Millipore Corp. 195 W. Birch Street Kankakee, IL 60901 USA

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

505606 EMD Millipore Corp. 2828 Highland Avenue Norwood, OH 45212 USA

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

505627 EMD Millipore Corp. 26578 Old Julian Highway Ramona, CA 92065 USA

Design and development, manufacture and distribution of in vitro diagnostics for the detection of infectious diseases.

505630 EMD Millipore Corp. 6 Research Park Saint Charles, MO 63304 USA

Design and development, manufacture, technical support and distribution of research use only immunoassay kits. Bioscience Global Technical & Sales Support Organization.



Merck KGaA

Frankfurter Straße 250 64293 Darmstadt Germany

Location Scope

505629 EMD Millipore Corp. 10394 Pacific Center Court San Diego, CA 92121 USA

Design, manufacture, and distribution of biochemicals, molecular biology reagents, immunochemicals, kits and other reagents. Bioscience Global Technical & Sales Support Organization.

450330 EMD Millipore Corp. 110 EMD Blvd. Savannah, GA 31407 USA

Design and development, manufacture and distribution of pigments.

505631 EMD Millipore Corp. 28820 Single Oak Drive Temecula, CA 92590 USA

Design and development, manufacture and distribution of in vitro diagnostics for the detection of infectious diseases. Bioscience Global Technical & Sales Support Organization.