



EXCiPACT® certificate

Relevant for

**Merck Life Science Technologies (Nantong) Co., Ltd
No.39, Jianggang Road, NETDA, Nantong,
Jiangsu, P.R. China**

An affiliate of Merck KGaA, Darmstadt, Germany

The references to "Merck Life Science Technologies (Nantong) Co., Ltd." within refer to an affiliate of Merck KGaA, Darmstadt, Germany. For further information about our names in the U.S. and Canada and internationally, please refer to our disclaimer at emdgroup.com.

As a trusted partner of our customers, we deliver quality
- always.

Certificate CN23/00002738

The management system of

Merck Life Science Technologies (Nantong) Co., Ltd.

No. 39 Jianggang Road, Nantong Economic & Technological Development Area, Jiangsu Province, P.R. China

has been assessed and certified as meeting the requirements of

EXCiPACT Certification Standard for Pharmaceutical Excipient Suppliers, 2021 Good Manufacturing Practices

For the following activities

Manufacture of inorganic salts (Ammonium sulfate, Sodium acetate trihydrate, Tri-Sodium citrate dihydrate, Sodium acetate anhydrous, Sodium sulfate anhydrous, Zinc Chloride, Zinc sulfate heptahydrate, Iron (III)-chloride hexahydrate, Aluminium chloride hexahydrate, Di-Sodium hydrogen phosphate dihydrate and Sodium dihydrogen phosphate dihydrate) for use as pharmaceutical excipients

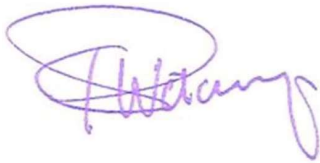
Packaging of non-sterile dry powder cell culture media catalog products used as Pharmaceutical Auxiliary Materials

Manufacture of liquid cell culture media, customized non-sterile dry powder cell culture media and buffer solutions used as Pharmaceutical Auxiliary Materials

This certificate is valid from 03 June 2025 until 15 June 2026 and remains valid subject to satisfactory surveillance audits.

Issue 3. Certified since 16 June 2023.

This certificate is not valid without a valid ISO 9001 certificate.



Authorised by
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Certification Manager

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To whom it may concern

Scope of EXCiPACT® certificate for Merck Life Science Technologies (Nantong) Co., Ltd., Nantong, China, an affiliate of Merck KGaA, Darmstadt, Germany

For the attached EXCiPACT® certificate CN23/00002738 released by SGS and valid from 3rd June 2025 until 15th June 2026, we would like to share further details on the product portfolios covered by the certification.

Pharmaceutical excipients:

“Manufacture of inorganic salts (Ammonium sulfate, Sodium acetate trihydrate, Tri-Sodium citrate dihydrate, Sodium acetate anhydrous, Sodium sulfate anhydrous, Zinc Chloride, Zinc sulfate heptahydrate, Iron (III)-chloride hexahydrate, Aluminium chloride hexahydrate and Di-Sodium hydrogen phosphate dihydrate and Sodium dihydrogen phosphate dihydrate) for use as pharmaceutical excipients”

The pharmaceutical excipients are sold under the brand names “EMPROVE® ESSENTIAL” and “EMPROVE® EXPERT.”

Pharmaceutical Auxiliary Materials:

*“Packaging of non-sterile dry powder cell culture media catalog products used as Pharmaceutical Auxiliary Materials
Manufacture of liquid cell culture media, customized non-sterile dry powder cell culture media and buffer solutions used as Pharmaceutical Auxiliary Materials”*

Pharmaceutical Auxiliary Materials certified according to EXCiPACT®:2021 - PAM guide are exclusively dry powder or liquid cell culture media and buffer solutions, allocated to M-Clarity™ segment MQ500.

As stated on the label, our certified pharmaceutical auxiliary materials are not for direct animal or human use.

Excluded from the scope are imMEDIATE ADVANTAGE® cell culture media (initial non-GMP CCM samples on customer request).

Sincerely,

Life Science - Quality Services

This document has been produced electronically and is valid without a signature.

Date: June 12, 2025