

CERTIFICATE

We certify that

Merck KGaA, Darmstadt, Germany
With the site
Frankfurter Str. 250, 64293 Darmstadt

for the scope:

Sourcing, manufacturing, testing, packaging, storage, distribution and release for products of "EMPROVE® exp", "EMPROVE® bio", "EMPROVE® ESSENTIAL" and "EMPROVE® EXPERT" lines such as organic and inorganic salts, organic and inorganic acids and bases, solvents and aqueous solutions

has introduced and applies a Management System according to the EXCiPACT™ Certification Standard for Pharmaceutical Excipient Suppliers (www.excipact.org):

**Good Manufacturing Practice and Good Distribution Practice 2017
for pharmaceutical excipients**

This assessment also meets the requirements of NSF/IPEC/ANSI-363-2016 Good Manufacturing Practice for Pharmaceutical Excipients.

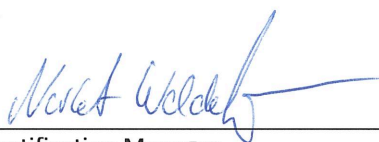
This certificate is only valid in conjunction with a valid ISO 9001 certificate.

Valid from: 17.06.2019

Valid until: 17.06.2022

Registration no.: E-ME-18887-2019-01

Münster, 17-JUN-2019



Certification Manager
(Inspection Review Board)



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Managing Partner

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