

CERTIFICATE

Inkjet coding with water-based ink

We herewith certify that Data Matrix codes can be produced by means of the M600 advanced Wolke printing system using HP UNIVERSAL BLACK 7482 inkjet ink and testing in accordance with the PTS Method PTS-DF 103/2016 "Evaluation of the codification of folding boxboard by DOD Inkjet printers" on the paperboard grade of the manufacturer

International Paper Alaska Plus

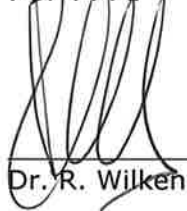
The said Data Matrix codes achieve full compliance with the requirements set forth in the FFPI Technical Information Sheet FFPI-SP 08/2016 "Pharmaceutical paperboard, Specification", Section 2.6 "Subsequent codification" and in particular Section 2.6.2 "Inkjet using water-based inks".

This certificate is based on PTS Test Report No. 00182 dated 04 May 2017.

This certificate shall expire and cease to have effect on 03 May 2019. The "Rules for the Issuance of Certificates" dated 12 May 2016 shall be applicable.

Munich, 2017-05-04

For FFPI



Dr. R. Wilken

For PTS



Stefan Sarbach