



WTConsulting GMBH
WIETSCHORKE TSCHECH & PARTNER

Consultants in Regulatory Affairs and Science

CERTIFICATE FOR

BALINIT® HARD CARBON

A PRODUCT OF

OERLIKON SURFACE SOLUTIONS AG

9496 BALZERS / LIECHTENSTEIN

ISSUED BY

WTC CERTIFICATION SERVICES

WTConsulting GmbH

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CERTIFICATE

of compliance with
regulations of food contact materials applying in
the European Union and the United States

for

BALINIT[®] HARD CARBON

used as surface coating for repeat-use food processing and food packaging equipment

Detailed information on the chemical composition of BALINIT[®] HARD CARBON, the coating process and the properties of coated surfaces was provided to WTC Certification Services by Oerlikon Surface Solutions AG / Liechtenstein in October 2019. The coating in its final form provides wear resistance and a chemically inert surface.

Compliance of BALINIT[®] HARD CARBON with food contact requirements of US-FDA and European Regulations was evaluated. Calculation of worst case migration from coated surfaces indicated that only extremely low residues are to be expected in food from repeated use of coated food processing equipment. Comparison to literature values confirms that any consumer exposure will be within safe limits.

Based on the evaluation it is concluded that repeated use of BALINIT[®] HARD CARBON coated equipment in food processing and food packaging manufacture complies with food contact regulations in the European Union (Article 3 of Regulation (EC) No 1935/2004) and with the requirements of the US-FDA.

Limitations/Specifications: This certificate is limited to the information provided to WTC as mentioned above. Any changes to the formulation or coating process will void the certificate and must be reported to WTC immediately.

Dr. A. Tschech

U. Wietschorke

WTC CERTIFICATION SERVICES

Liestal, October 17, 2019
Expiration date: October 17, 2022
WTC Project 1182-04

WTC Certification Services
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