



**WTConsulting GMBH**

WIETSCHORKE TSCHECH & PARTNER

Consultants in Regulatory Affairs and Science

**CERTIFICATE FOR**

**BALINIT<sup>®</sup> C STAR**

A PRODUCT OF

**OERLIKON SURFACE SOLUTIONS AG**

**9496 BALZERS / LIECHTENSTEIN**

ISSUED BY

**WTC CERTIFICATION SERVICES**

**WTConsulting GmbH**

Weierweg 7

4410 Liestal

Switzerland

Phone +41 (0)61 923 30 00

Fax +41 (0)61 923 30 02

[www.wtconsulting.ch](http://www.wtconsulting.ch)

# CERTIFICATE

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

## BALINIT<sup>®</sup> C STAR

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

Detailed information on the chemical composition of BALINIT<sup>®</sup> C STAR, the coating process and the properties of coated surfaces was provided to WTC Certification Services by Oerlikon Surface Solutions AG / Liechtenstein. The coating in its final form provides wear resistance and a chemically inert surface.

In the USA the use of BALINIT<sup>®</sup> C STAR for the manufacture of ceramic surface coatings for food contact applications is covered by Food Contact Notification No. 299. In Europe no specific regulations for ceramic surface coatings do exist. The safety of use of BALINIT<sup>®</sup> C STAR ceramic surface coatings in contact with food 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 regulatory limits<sup>1)</sup> confirms that any consumer exposure will be within safe limits.

Based on the evaluation it is concluded that repeated use of BALINIT<sup>®</sup> C STAR 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). In the USA use is cleared by FCN No. 299.

---

**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. The limitations as provided in FCN No. 299 have to be followed.

<sup>1)</sup> Regulation (EU) 10/2011 on plastic materials and articles intended to come into contact with food.



Dr. A. Tschech



U. Wietschorke

WTC CERTIFICATION SERVICES

Liestal, September 29, 2021  
Expiration date: September 29, 2024  
WTC Project 1257

WTC Certification Services  
Weierweg 7  
4410 Liestal  
Switzerland