



**EL Class I**

*Date of issue: 1 August 2023*

*Valid until: 31 December 2025*

*EHEDG hereby declares that the product*

***microwave sensor FlowCell, type LB5660 with planar and immersion cap windows  
made of PEEK and EPDM O-ring for ball housings diameter 68 mm***

*from*

*Berthold Technologies GmbH & Co.KG, Calmbacher Straße 22 , 75323 Bad Wildbad, Germany*

*has/have been evaluated for compliance and meets/meet the current criteria for  
Hygienic Equipment Design of the EHEDG*

***Certificate No. EHEDG-C2300049***

Signed \_\_\_\_\_ *Hein Timmerman* \_\_\_\_\_ *President EHEDG*

Signed \_\_\_\_\_ *Karlijn Faber* \_\_\_\_\_ *EHEDG Certification Officer*

**EHEDG**  
**Karspeldreef 8**  
**1101 CJ Amsterdam**  
**Netherlands**

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## Appendix 3

# EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 10.03.2023

EHEDG File Number: EHEDG-R2300026

Certification Type: EL CLASS I

Applicant: Berthold Technologies GmbH & Co.KG

Equipment: microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm

Other essential identification:

### Evaluated by:


Name: Dr. Jürgen Hofmann

### Approved by:

Name: Yu Ming Chen

Title: AEO

Date, Signature:

 28.07.2023

1. Results of inspection for compliance with the EHEDG Hygienic Design Criteria.

Conclusion:

**The equipment complies with the criteria.**

YES

**The use of the EHEDG Certification logo is justified:**

MAYBE

2. Evidence for compliance provided and convincing for Certification.

Conclusion:

**The equipment complies with the criteria where possible.**

YES

**The use of the EHEDG Certification logo is justified:**

Signature:



Date: 25.07.2023

*The original of this form will be kept by EHEDG together with the application, the inspection report, the evidence provided and any other relevant documentation, as listed on the back.*

### Appendix 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
3.	Appendix 1: Equipment intended for cleaning-in-place with liquids without dismantling
4.	Appendix 2: conditions for use of the EHEDG Certification Logo
5.	Appendix 3: Equipment evaluation form
6.	Evaluation report of the design of the microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm, no. 769TUM2023
7.	Drawings of the microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm, drawing nos. 66744 GZ3, 66624 and 73602; original stamped
8.	Test report of the in-place cleanability test method according to Doc. 2, Test no. 596/21.08.2017 (planar window) and 769/10.03.2023 (immersion cap window)
9.	Cleaning and Installation manual 41986BA2 Rev. 07 supplied by the manufacturer
10.	Example of EHEDG Certified Logo Type EL CLASS I