

## Terms of the proficiency test (PT)

### **DLA 56/2018 – Contact Material II: Volatile Matter and Extractable Matter of Silicone Food Contact Material** (with specified conditions)

#### **Test material\* :**

The test material is a food contact material made of **silicone (baking moulds)**. Two identical samples are provided. The determination of the volatile matter and the extractable matter with two extraction solvents are provided.

**Sample weight:** 2 Samples 80 g each.

\* Note: Control of mixture homogeneity and qualitative testings are carried out by DLA. Any testing of the content, homogeneity and stability of PT parameters is subcontracted by DLA.

#### **Methods + realisation time:**

The following examination conditions are given in accordance with the notices for analysis of consumer goods made of silicone elastomers (notifications for analysis of plastics according to German food law – LFGB):

##### **Volatile matter:**

1. Sample volume to be prepared (10 g), 2. time and temperature (4 h, 200 ° C), 3. results to be expressed as weight percent.

##### **Extractable matter:**

1. Sample to be prepared (10 g), 2. extraction solvent b) (3% acetic acid w / v) and extraction solvent c) (10% ethanol v /v), 3. time and temperature (5 h, reflux), 4. results in weight percent.

There is a 8 weeks period for performing the analysis. The results are transmitted by e-mail via the provided results file.

#### **Evaluation report:**

The **evaluation** is carried out from a total of 7 results on **quantitatively**. It includes kernel density estimation, outlier tests, robust mean, robust standard deviation and z-scores. The assigned value is the robust mean of participants results. Results, limits of detection and/or quantification and

remarks to the methods will be documented. DLA intends to finish the evaluation report within 6 weeks after deadline of results submission.

Each participant receives an anonymized, complete evaluation report as a PDF-file, identifying the own results by individual code in case payment was done. A print-out can be sent on demand.

#### **Registration :**

The reliable order can be sent to DLA or our authorized sales partner.

Further information and an online registration form can be found at [www.dla-lvu.de](http://www.dla-lvu.de).

Registration deadline is **20<sup>th</sup> June 2018**.

#### **Shipment + number of participants:**

Required minimum number of participants is 10.

The samples will be sent to participants in the **week 26** by parcel service with tracking (delivery time 2-3 days within Europe, 2-5 days worldwide).

#### **Deadline of result submission:**

Last date for submission of results **24<sup>th</sup> August 2018**.

#### **Invoice + price :**

Invoicing will be done by DLA along with the sample shipment or by our authorized partner in parallel to the sample shipment.

The price of the proficiency test is 190,-- € per participant plus shipping and possible tax.

Please note: there can be a handling charge for delivery in non-EU countries. Our authorized partner will inform you.

Shipping costs: within Germany € 12,50, EU-countries and Europe € 25 – 35, outside Europe € 45- 75.

Our General Terms and Conditions GTC apply: [www.dla-lvu.de/AGB.html](http://www.dla-lvu.de/AGB.html)