

DLA 69-2016 - Contact Material I: Release of Elements from a Food Contact Material

terms

Test material :

The material is a **fillable stainless steel jug** with handle made of chrome steel (0.03 liters). Three samples are provided. The specific migration of the elements **Lead Chromium, Iron, Copper, Nickel** and **Zinc** in part with low contents should be determined. The below conditions according to Resolution of the Council of Europe on metals and alloys used in food contact materials (CM/Res(2013)9) should be followed: 1. filling volume, 2. simulant solvents (citric acid 5g/L), 3. time and temperature, 4. results given in mg/L.

The results of the first eluate will be evaluated. If there are enough results of the second and third eluate, the sum of eluates will be evaluated. The material is tested for homogeneity of eluates.

Order :

Registration deadline is 05th October 2016. The reliable order can be sent to our partner Coring System Diagnostix, can be faxed to us, DLA, using attached order form, or using the order form available from www.dla-lvu.de. The minimum number of participants is 10.

Sample shipment :

The samples will be sent to participating laboratories in the week 41. Each participant receives three identical samples.

Invoicing / Price :

The price for the proficiency test is 191,-- € / participant plus shipping and tax. Shipping and invoicing to other countries than Germany are done by our partner Coring System Diagnostix. Invoices are payable within 2 weeks, for participants from Non-European countries pre-payment is required.

Realisation :

There is a 6 weeks time for performing the analysis. The method of analysis is optional. Deadline for results submission is 25th November 2016. Submission should be done by e-mail with a prepared excel-file, available from DLA.

DLA intends to finish statistics and interpretation within 6 weeks after deadline for the results. Statistics will be performed with laboratory mean values for the respective analytes, if at least 7 quantitative results were submitted. Statistics imply test for outliers, robust mean, median, robust standard deviation and z-score. Remarks to the results, limits of detection / determination and methods will be documented.

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

Our General Terms and Conditions GTC apply: www.dla-lvu.de/GTC.html