

DLA 71/2016 - Contact Material III: Total Migration of Plastic Contact Material

terms

Test material :

The material is a **fillable plastic bowl** made of polystyrene (PS) with a nominal capacity of > 100 mL. Three samples are provided. The **overall migration** using two simulant solvents should be determined. The below conditions according to the German official methods ASU B 80.30-4 and ASU B 80.30-12 (corresponding to EN 1186-1 and EN 1186-9) for testing of plastic food contact materials should be followed: 1. filling volume, 2. simulant B (3% acetic acid w/v) and simulant solvent C (10% Ethanol v/v), 3. time and temperature, 4. results given in mg/L.

The results of the eluates will be evaluated.

The material is tested for homogeneity of eluates.

Order :

Registration deadline is 19th 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 43. Each participant receives 3 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 09th December 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