

## **DLA 31-2014 Heavy Metals and Trace Elements in a mineral supplement, 20 Elements**

### **Terms**

#### **Test material :**

The material is a powdered, mineral food supplement with a possibly low content of the following elements: Al, Ba, Ca, Co, Cr, Cu, Fe, I, Li, Mg, Mn, Mo, Na, Nd, Ni, P, U, V, Y and Zn.

The material is tested for homogeneity.

#### **Order :**

Registration deadline is 12<sup>th</sup> May 2014.

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](http://www.dla-lvu.de). The minimum number of participants is 10.

#### **Sample shipment :**

The samples will be sent to participating laboratories in the week 20. Each participant receives two portions of the same sample, 3g each.

#### **Invoicing / Price :**

The price for the proficiency test is 345,-- € / participant plus shipping and tax. Shipping and invoicing to other countries than Germany is 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 27<sup>th</sup> June 2014. Submission should be done by e-mail with a prepared excel-file, available from DLA.

DLA intends to finish statistics and interpretation within 8 weeks after deadline for the results. Statistics imply test for outliers, robust mean, median, robust standard deviation and z-score.

Statistics will be performed with laboratory-mean-value of each element, if at least 8 quantitative results are submitted. Single results for each element and details about the method of analysis will be documented as submitted.

Each participant receives an anonymized, complete analysis report, identifying the own results by individual code in case payment was done.