Supplementary Data

Proficiency testing for determination of lead and arsenic in cosmetics: Comparison of analytical procedures and evaluation of laboratory performances

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### Supplementary Table

**Table S1**

Results of the one-sample Kolmogorov-Smirnov test for Pb and As in samples

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Pb</th>
<th></th>
<th></th>
<th>As</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 A</td>
<td>1 B</td>
<td>2 A</td>
<td>2 B</td>
<td>1 A</td>
<td>1 B</td>
</tr>
<tr>
<td>Kolmogorov-Smirnov Z</td>
<td>1.486</td>
<td>1.340</td>
<td>0.786</td>
<td>1.089</td>
<td>1.211</td>
<td>1.373</td>
</tr>
<tr>
<td>$P$-value (2-tailed)</td>
<td>0.024</td>
<td>0.055</td>
<td>0.567</td>
<td>0.186</td>
<td>0.106</td>
<td>0.051</td>
</tr>
<tr>
<td>Skewness</td>
<td>-0.085</td>
<td>-0.977</td>
<td>-0.604</td>
<td>-0.842</td>
<td>-1.395</td>
<td>-1.427</td>
</tr>
<tr>
<td>Kurtosis</td>
<td>0.888</td>
<td>2.172</td>
<td>0.864</td>
<td>2.562</td>
<td>4.858</td>
<td>2.536</td>
</tr>
</tbody>
</table>
Fig. S1. Histogram and fitted normal distribution of the PT results for (a) Pb in sample 1 A and 1 B. Dotted and solid lines represented the fitted normal distribution and the frequency of analyte in different concentration groups.
Fig. S1. Histogram and fitted normal distribution of the PT results for (b) As in sample 1A and 1B.
Fig. S1. Histogram and fitted normal distribution of the PT results for (c) Pb in sample 2 A and 2 B.
Fig. S1. Histogram and fitted normal distribution of the PT results for (d) As in sample 2 A and 2 B.