

## **Instructions to participants for the PT Nickel release and Surface determination iis23V23**

- \* Please **confirm sample receipt** as soon as you have received this package and checked the contents via the data entry portal [www.kpmd.co.uk/sqs-iis-cts](http://www.kpmd.co.uk/sqs-iis-cts). Please give date of receipt and press the "Save Date" button. Please inform the Institute for Interlaboratory Studies (iis) immediately when something is wrong with the package and/or samples via [nl.iis@sgs.com](mailto:nl.iis@sgs.com).
- \* This interlaboratory study concerns **2 different** samples: 1 sample labelled #23625 and 1 sample labelled #23626 for the proficiency test: "Nickel release and Surface determination (iis23V23)", for which your laboratory did register. Sample #23625 contains **3 identical** non-coated metal plates for the determination of Nickel release. Sample #23626 contains one piece of a pendant for Surface determination only. You can check the test cope for sample #23625 in round iis23V23 and for sample #23626 in round iis23V23S via [www.kpmd.co.uk/sqs-iis-cts](http://www.kpmd.co.uk/sqs-iis-cts).
- \* For **sample #23625** please note that the metal plates are non-coated. Therefore, please **do not** conduct a simulation of accelerated wear and corrosion for the determination of Nickel release.
- \* On critical examination of sample #23625 you may observe some slight irregularities such as slight scratches on the surface of the sample. The influence of these irregularities on the nickel release is negligible. This was proven by testing prior to use in this PT.
- \* Please treat the samples **as if they were routine samples** and analyze them in the way you normally do in day-to-day circumstances. However, please take into account the remarks mentioned above.

### \* **Reporting of test results:**

Within a time frame of five weeks test results can be entered or revised. Please report your test results via [www.kpmd.co.uk/sqs-iis-cts](http://www.kpmd.co.uk/sqs-iis-cts). It is not necessary to enter all test results in one session. Within the time frame you can add (or delete) test results and/or change test results or units. Please **do not forget** to hit the "Save/Submit" button after entering the test results. Please note that you will get a pop up to say that you have submitted your test results. You can check if your test results have been saved by logging out and logging in again. When your test results are still present it means that everything is OK and that your test results are received in good order.

On the report page is a column, titled "reference method". In case a method is mentioned in this column, it will be used for the calculation of the z-scores. It is of utmost importance to know that it is **not mandatory** to use this 'reference method' as test method. Please select the method that you used from the picklist under "Actual Method Used". When your method is not listed here, please select "Other" and write the method that you used in the comments.

Please report the test results using the indicated units. It is possible to report in the last column the test results rounded in accordance with the test method that was used and in the first result column the same test results but less rounded. Please note that it is not mandatory to report both 'rounded' and 'unrounded' test results. The 'unrounded' test results are preferably used for our statistical evaluations. However the 'rounded' test results will be used in case the 'unrounded' test results are not reported. We suggest to report extra significant figures in order to give more meaningful statistical evaluations. For example, when you found a test result of 1.233  $\mu\text{g}/\text{cm}^2/\text{week}$  for Nickel release, we request you to report 1.233  $\mu\text{g}/\text{cm}^2/\text{week}$  as 'unrounded' test result and 1.23 as "rounded" test result.

It is also requested not to report 'less than' test results, which are above the detection limit, because such test results cannot be used for meaningful statistical evaluations.

For test results below the detection limit please do not use abbreviations like "nd" or "na" because these can be explained in various ways like "not determined", "not detected", "not applicable" and "not analyzed". Instead, please write in full.

To get more background of the analytical method we asked some additional questions. Please, complete these questions as much as possible. It will help us to evaluate the results of the proficiency test. Thank you in advance.

**The official closing date for reporting test results for this PT is July 14, 2023.**

After the official closing date it is no longer possible to submit or correct test results via the data entry portal. When you cannot report via the portal or for unforeseen reasons cannot report before the closing date, please inform the Institute for Interlaboratory Studies (iis).

\* **For all communication (e.g. problems with the package/samples, login details for the data entry portal, not reporting in time) or any remarks/questions please contact:**

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