

## **Instructions to participants for the interlaboratory study on Magnetics EN 71-1 iis17M01**

- \* Please **confirm sample receipt** as soon as you have received this package and checked the contents, via [www.kpmd.co.uk/sgs-iis-cts/](http://www.kpmd.co.uk/sgs-iis-cts/). Please give date of receipt and press "save date" button. Please inform the Institute for Interlaboratory Studies (iis) immediately when something is wrong with the package and/or samples via [iisnl@sgs.com](mailto:iisnl@sgs.com).
- \* This interlaboratory study concerns 2 different samples for Magnetics, 3 pieces each, labelled #17580 and #17581. Both samples are meant for the determination of Magnetic Flux index according to EN 71-1 or ASTM F963. Sample #17580 is wrapped in cloth, because when the magnets are unwrapped and stick together, it is very difficult to separate them and the magnets might even break trying. Therefore, please keep the magnets of this sample in sufficient distance from each other after unwrapping them. You can check the test scope for both samples in round iis17M01 via [www.kpmd.co.uk/sgs-iis-cts/](http://www.kpmd.co.uk/sgs-iis-cts/).
- \* Please **treat the samples as if they were routine samples** and analyse them in the way you normally do in day-to-day circumstances.
- \* **Reporting of test results**  
Within a time frame of five weeks the test result can be entered or revised. Please **report your test result** via [www.kpmd.co.uk/sgs-iis-cts/](http://www.kpmd.co.uk/sgs-iis-cts/). Within the time frame you can add (or delete) the test result and/or change test result or unit. Please **do not forget** to hit the "Save/Submit" button after entering the test result. Please note that you will get a pop up to say that you have submitted your test result. You can check if your test result has been saved by logging out and logging in again. When your test result is still present it means that everything is OK and that your test result is received in good order.
- \* For the determination of Magnetic Flux index, please use the method you normally (routinely) use. Please select under "Actual Method Used" the method that you used. When your method is not mentioned under "Actual Method Used", please select "Other" and place in the comments the method that you used.
- \* Please report the analytical results using the indicated units. It is possible to report in the last column the analytical results rounded in accordance with the standard method that was used and in the first result column the same analytical 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 one extra significant figure in order to give more meaningful statistical calculations. For example, when you find a result of 331.091 kg<sup>2</sup>mm<sup>2</sup> for Magnetic Flux index, we request you to report 331.091 mg/kg as 'unrounded' result and for example 331.09 or 331.1 kg<sup>2</sup>mm<sup>2</sup> as "rounded" result.
- \* It was also requested not to report 'less than' results, which are above the detection limit, because such results cannot be used for meaningful statistical calculations.
- \* 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 June 16, 2017**
- \* After the official closing date it is no longer possible to enter or correct test results via the data entry website [www.kpmd.co.uk/sgs-iis-cts/](http://www.kpmd.co.uk/sgs-iis-cts/). When you cannot report via the website 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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