

## **Instructions to participants for the interlaboratory study Sulfur (total) in LPG iis22S04S**

- \* 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/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/). 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).
- \* When the cylinder is visually damaged, please do not accept the package from the courier. Please note that we will only send a replacement cylinder at our cost when there is proof of the sample being damaged upon receipt. This means that the consignee must report a damaged cylinder immediately. The consignee should take pictures of how the package and/or cylinder looked upon arrival. We need these pictures to claim costs from the forwarders. The consignee should always mark any damage (dents, rips, leakage etc.) on the outside of the packages on the consignment note from the courier when it is delivered. Even minor damages should be reported. Please send copies of consignment notes and the pictures via email to [nl.saman.iis@sgs.com](mailto:nl.saman.iis@sgs.com).
- \* This interlaboratory study concerns 1 sample of LPG, 1x 5 L aluminum cylinder labelled #22201 for Total Sulfur analysis. You can check the test scope in round iis22S04S via [www.kpmd.co.uk/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/).
- \* Please treat the sample **as if it was a routine sample**. The cylinder has a DIN-1 connection. **Please notify us immediately in case you are not able to use this connection due to lack of a suitable connector**. A DIN-1 connector is not included with the sample cylinder but can be supplied by iis upon request.
- \* **The valve on this cylinder is a dual port valve with dip tube**. You must connect your DIN-1 fitting to the "Liquid" side of the valve. The hand wheel to operate the valve is already connected to the "Liquid" side of the valve. The dip tube will only sample liquid if the cylinder is in the upright position with the valve on top. The cylinder is not completely filled with LPG but does contain approximately 1500 grams of liquid with approximately 10 bar helium over pressure. This is sufficient liquid for analysis but please be careful not to use the entire sample for purging your system.
- \* **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/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/). 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 use ASTM D6667 for the determination of Total Sulfur and you found a test result of 50.81 mg/kg, we request you to report 50.81 or 50.8 mg/kg as 'unrounded' test result and 51 mg/kg as 'rounded' test result in accordance with ASTM D6667.

**The official closing date for reporting test results for this PT is November 4, 2022.**

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:**

ing. R.J. Starink, Institute for Interlaboratory Studies (iis)  
P.O. box 200, 3200 AE Spijkenisse, The Netherlands  
tel.no. +31 181 69 45 41  
e-mail: [nl.iis@sgs.com](mailto:nl.iis@sgs.com) / website: [www.iisnl.com](http://www.iisnl.com)