

Instructions to participants for the PT Crude Oil Assay iis19R02 (ASTM D2892 and ASTM D5236)

- * 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/. 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 iisnl@sqs.com.
- * When the can has been damaged, please do not accept the package from the courier. Please note that we will only send a replacement can at our cost when there is proof of the sample being damaged upon receipt. This means that the consignee must report a damaged can immediately. The consignee should take pictures of how the package and can 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@sqs.com.
- * This interlaboratory study concerns a sample of Crude Oil, a 5L can labelled #19225.
- * Please treat the sample **as if it was a routine sample**. Furthermore, each laboratory is advised to perform only those analyzes you normally do (but you are allowed to do all analyzes if you like). It might be wise to start with those tests which are most important to your laboratory, especially if the supplied sample amount seems to be critical.
- * **Reporting of test results:**

Within a time frame of five weeks test results can be entered or revised. Please record the date that the sample was received on the report form and also the dates the distillation was started and finished.

Each laboratory is requested to determine a Crude Oil Assay consisting of a True Boiling Point Distillation in accordance with ASTM D2892 and the collection of 8 fractions. And subsequently a True Boiling Point Distillation in accordance with ASTM D5236 and the collection of 4 fractions. On the original sample and on all fractions Density, Sulfur and Nitrogen content should be determined **where possible**. Furthermore on the light and heavy naphtha fractions a PIONA or PONA analysis is requested. On the combined fractions 5 + 6 (LGO and MGO) a D86-distillation is requested and on the individual fractions 5 and 6 also a simdist determination was requested.

Report the analytical results using the indicated units on the report form. Please report the analytical results less rounded as you would do routinely (we suggest to report one extra significant figure than prescribed in the method used) in order to give more meaningful statistical evaluations.

The official closing date for reporting test results for this PT is December 06, 2019.

Please return the completed report forms to the Institute for Interlaboratory Studies via an e-mail to iisnl@sqs.com, preferably within 3 weeks after sample receipt, but **in any case, before** the indicated closing date. In the case you cannot report for unforeseen reasons before the closing date, please send an email to iisnl@sqs.com.

- * **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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