Report form for late reported test results of **sample #22235**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | UnroundedResult \*) | Roundedresult*cfr.* used standard \*) |
| Total Acid Number \*\*\*) | mgKOH/g | D664-A |  |  |  |
| **Aniline Point** | **method/prodecure used: A / B / C / D / E / other \*\*)** |
| Aniline Point of n-heptane | °C |  |  |  |  |
| Aniline Point | °C | D611 |  |  |  |
| Asphaltenes  | %M/M | IP143 |  |  |  |
| Carbon Residue (Micro method) | %M/M | D4530 |  |  |  |
| Density at 15 °C | kg/m3 | ISO12185 |  |  |  |
| **Flash Point PMcc** | **method/prodecure used: A / B \*\*)** |
| Flash Point PMcc | °C | D93-B |  |  |  |
| Kinematic Viscosity at 50 °C | mm2/s | D445 |  |  |  |
| Kinematic Viscosity at 100 °C | mm2/s | D445 |  |  |  |
| **Nitrogen** | **method/prodecure used: Gravimetric / Volumetric \*\*)** |
| Nitrogen | mg/kg | D5762 |  |  |  |
| Pour Point Manual | °C | D97 |  |  |  |
| Pour Point Automated 3 °C interval | °C | D5950 |  |  |  |
| Total Sulfur  | %M/M | D4294 |  |  |  |

\*) Please see the letter of instructions before the start of the tests at [www.kpmd.co.uk/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/)

\*\*) Please circle the right option

\*\*\*) Please answer the Additional Questions about Total Acid Number (ASTM D664) if the determination is performed (see Additional Questions on the final page)

\*\*\*\*) Please perform the distillation as near to 10 mmHg as possible and report all temperatures at 760 mmHg (Atmospheric Equivalent Temperatures)

**This table continues on the next page.**

Report form for late reported test results of **sample** **#22235 - continued**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Determination | Unit | Reference method \*) | Actual method used \*) | UnroundedResult \*) | Roundedresult*cfr.* used standard \*) |
| **Simulated Distillation**  |  |  |  |  |  |
| Initial Boiling Point | °C  | D6352 |  |  |  |
| 10% recovered  | °C  | D6352 |  |  |  |
| 30% recovered  | °C  | D6352 |  |  |  |
| 50% recovered  | °C  | D6352 |  |  |  |
| 70% recovered  | °C  | D6352 |  |  |  |
| 90% recovered  | °C  | D6352 |  |  |  |
| Final Boiling Point | °C  | D6352 |  |  |  |
| **Distillation performed at 10 mmHg but reported as AET \*\*\*\*)** |
| Initial Boiling Point as AET | °C  | D1160 |  |  |  |
| 10% recovered as AET | °C  | D1160 |  |  |  |
| 30% recovered as AET | °C  | D1160 |  |  |  |
| 50% recovered as AET | °C  | D1160 |  |  |  |
| 70% recovered as AET | °C  | D1160 |  |  |  |
| 90% recovered as AET | °C  | D1160 |  |  |  |
| Final Boiling Point as AET | °C  | D1160 |  |  |  |

\*) Please see the letter of instructions before the start of the tests at [www.kpmd.co.uk/sgs-iis/](http://www.kpmd.co.uk/sgs-iis/)

\*\*) Please circle the right option

\*\*\*) Please answer the Additional Questions about Total Acid Number (ASTM D664) if the determination is performed (see Additional Questions on the final page)

\*\*\*\*) Please perform the distillation as near to 10 mmHg as possible and report all temperatures at 760 mmHg (Atmospheric Equivalent Temperatures)

**Please see the next page for the Additional Questions.**

Report form for late reported test results

**Additional Questions**

**About Total Acid Number (ASTM D664):**

1. What was the volume of the titration solvent?
* 60 mL
* 125 mL
1. How was the end point determined?
* Inflection Point
* Buffer End Point pH 10
* Buffer End Point pH 11
1. Remarks on Additional Questions:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_