

AAPA National Proficiency Testing Round 2019/20

Instruction sheet for test stream: 6: Moisture sensitivity test

Description:

Laboratories have registered for the moisture sensitivity test stream of the AAPA 2019/20 Proficiency Testing Round. Samples of loose mix will be sent to the participating laboratories for preparation of moisture sensitivity samples

Test method: AGPT/T232

Where the laboratory does not hold NATA accreditation for this Austroads method results for an equivalent local test method may be reported, but please note that the proficiency z-score analysis will not be valid for such results.

Report results using this webform:

<http://www.123formbuilder.com/form-5248413/s6-moisture-tsr-tests>

Please note that you will need the **Laboratory ID Code**, which has been sent to you in a separate e-mail to complete the webform.

Submit results by 30 June 2020

Procedure:

Loose mix samples will be sent to laboratories in containers. Each container has a unique sample number.

The loose mix is a sample of AC14 with C320 binder.

Testing in accordance with AGPT/T232 **including freeze/thaw conditioning**

Sample preparation:

Reheating:

- Preheat the compaction mould in the oven
- Compaction Temperature – 150+/- 3deg
- Place in the oven for 1hr +/- 5 min (Ensure the oven temperature allows temperature to be within range) and then compact samples

Sample numbering:

- 3 specimens to be used in "dry" unconditioned state to be labelled d1, d2 and d3.
- 3 specimens to be tested after moisture conditioning to be labelled c1, c2 and c3.

Reporting:

Use the webform to report:

- Maximum density of loose mix
- Compacted bulk density of each specimen
- Height of each specimen
- Degree of saturation for vacuum saturated specimens
- Swell of moisture conditioned specimens
- Tensile strength of each specimen
- Tensile strength ratio
- Visual assessment of degree of stripping (if required by test method)