

Density Test Report

1. Obtaining 3 test tubes out of stick according to Annex 3 (Marks C) for density testing and subsequent compression testing. Size of the tube testing referred were diam10mm*10 length.



Figure 1. 3 test samples

2. Reference standard for density test: ISO 3369
3. Density test condition: Distilled water
4. Environmental Temperature: 25.4°C
5. Density test equipment: Density balance instrument (METTLER TOLEDO XS105)
6. Density test steps:
 - 1) Equipment calibration, using the standard block test to ensure that the detection status is normal;
 - 2) Clean the surface of the sample to ensure that no other substances adhere;
 - 3) Test three samples respectively, first measure the unit weight of the test tube, and then measure the volume in water. the device calculates the density value automatically.

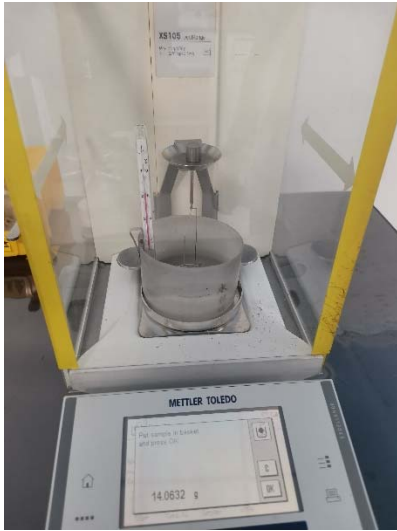


Figure 2 Weighing

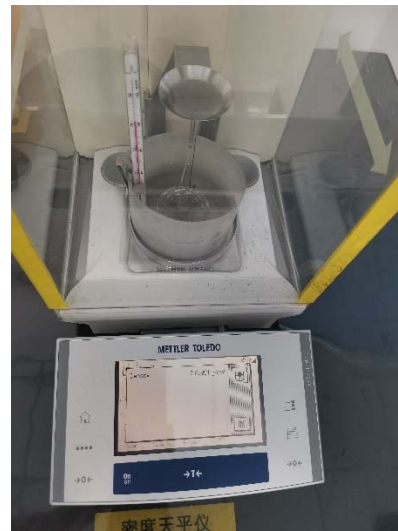


Figure 3 Measured volume and calculated density

7. Test Result

Sample No.	Test Result(g/cm ²)
1	17.63
2	17.62
3	17.62



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