**Container filled with water to the brim**

Test Sheet to determine the desity of a product using the container filled to the brim method

1. Weigh the prepackage and the strike plate and record the weight:

 M**P** =

1. Use a strike plate to ensure prepackage is filled to the brim. Record the weight:

M**S =**

1. Determine the weight of the test:

MS – MP = M**SP**

**\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**

1. Zero the weighing instrument and weigh the packing material (empty package) and the strike plate. Record the tare:

M**T =**

1. Fill the package to the brim with the distilled water using the strike plate. Record the gross weight of the prepackage and test liquid:

M**W =**

1. Determine the net weight of the test:

M**W - MT** = M**WT**

**\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**

1. Determine the weight of the test liquid that substituted for the product being tested:

M**WT -** M**SP = weight of test liquid**

**\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**

1. Determine the volume of product being tested by:

Weight of test liquid ÷ density of test liquid = volume of product being tested

***Note*** *– distilled water has a density of 1*

**\_\_\_\_\_\_\_\_\_** ÷ **\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**

1. Determine mass of product by:

**MP** – M**T = mass of product**

**\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**

1. Determine the Density of the product by:

mass of product ÷ volume of product being tested

 **\_\_\_\_\_\_\_\_\_** ÷ **\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_**