

Video « Weighing – Choice of sampling tools »

Time	Text
00 :09	During lab works, you will have to perform some weighing for different purposes, like making a standard solution.
00 :20	In order to achieve that, you need a precise value of the mass of the taken sample.
00 :26	Hence, here I have presented different samples which could be either solid or liquid.
00 :33	You can use different types of containers according to the physical state of the sample. For solid samples, a plastic or glass tub is preferred. On the other hand, for liquid samples like this one, it is better to use a glass container like a volumetric flask.
00 :56	Now, let's talk about the sampling tools. For solid samples, it is first necessary to check the safety data sheet of the product in order to have the good behaviour in term of safety. If the product is not harmful, so not like this one nor that one, you can take your sample. In the case of this solid sample, a spatula allows to take a small quantity of sample and to put it in the tub for weighing.
01 :34	In the case of liquid samples, you will use a pipette, which could be a pasteur pipette or a graduated pipette. It is better to use a pro-pipette to make the sampling for the weighing in order to avoid any contact with the sample.