

Modified Global Pharma Health Fund E.V. (GPHF) Minilab Thin Layer Chromatography Tests

The following are modified thin layer chromatography (TLC) tests that users may consider to be improvements over the corresponding methods published in the Minilab manual, Volume II. All procedures in the original Minilab manual method were performed exactly as written except for the changes specified in each modified method following. A glass jar with screw cap (120 mm height, 54 mm diameter) comparable to that pictured on page 23 of the Minilab manual, Volume II, was used for chromatoplate development; all sides were lined with filter paper (Whatman No. 42) to ensure saturation of the atmosphere with mobile phase vapor. The stationary phase used was the same as that pictured on page 15 of the Minilab manual, Volume II, i.e., 5 x 10 cm silica gel 60 F254 aluminum TLC plates (Merck No. 1.16834.0001).