

Supplement to:

A Compendium of Unofficial Methods for Rapid Screening of Pharmaceuticals by Thin Layer Chromatography

by

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<http://www.pharmweb.net/pwmirror/library/tlc/tlcall.pdf>

The following screening methods are for additional drugs not included on the Compendium website or the Global Pharma Health Fund E.V. (GPHF) website <http://www.gphf.org>. They are presented in the format of existing Compendium methods.

General procedures, materials, and equipment used in developing and testing the methods were the same as those described in the Compendium methods except for the following. The dosage unit (e.g., tablet) was ground using a small mortar and pestel rather than a 3 x 5 cm plastic bag. Five x 10 cm silica gel 60 F254 aluminum-backed TLC plates (Merck No. 1.16834.0001) were used in place of plastic-backed TLC plates, and they were developed in a filter paper lined small glass chamber [covered glass jar as specified in the Minilab manual or CAMAG twin trough chamber with stainless steel lid (No. 022.55155)] rather than in a development bag. Standards and samples were visible as fluorescence quenching spots under ultraviolet (UV) light and were applied in weights that allowed visual distinction of differences in size/intensity among the 85% standard, 100% sample, and 115% standard spots; therefore, detection by dipping in iodine-KI solution was not needed.