



جهاز HPTLC

(Thin layer chromatography)

Pharmaceutical service center

Faculty of pharmacy, Assuit university



MAG[®] HPTLC Software visionCATS

The visionCATS software organizes the workflow of the HPTLC analysis, controls the CAMAG instruments, and manages data evaluation.

Advantages of visionCAT software:

1-Guides the user through the chromatographic process – from definition of samples and substances to reporting of results.

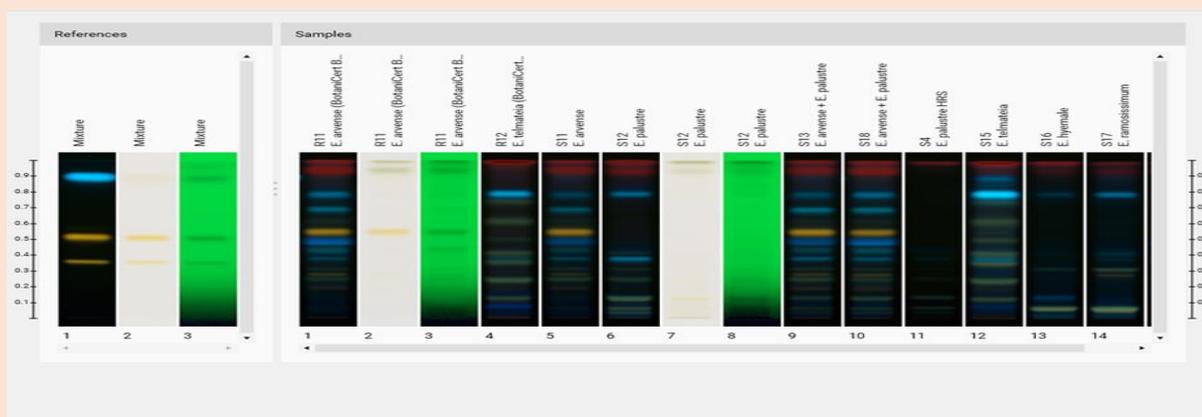
2-visionCATS supports low-noise, high-dynamic-range imaging (HDRI) and includes a comprehensive set of Image Enhancement Tools

3-To determine the substance concentration in a sample after densitometric or image analysis, five different quantification functions (e.g. linear and polynomial regression modes) are available. Several scanning steps and up to five different evaluations can be performed in one analysis file.

4-VisionCATS provides a free of charge HPTLC Method Library for licensed users.

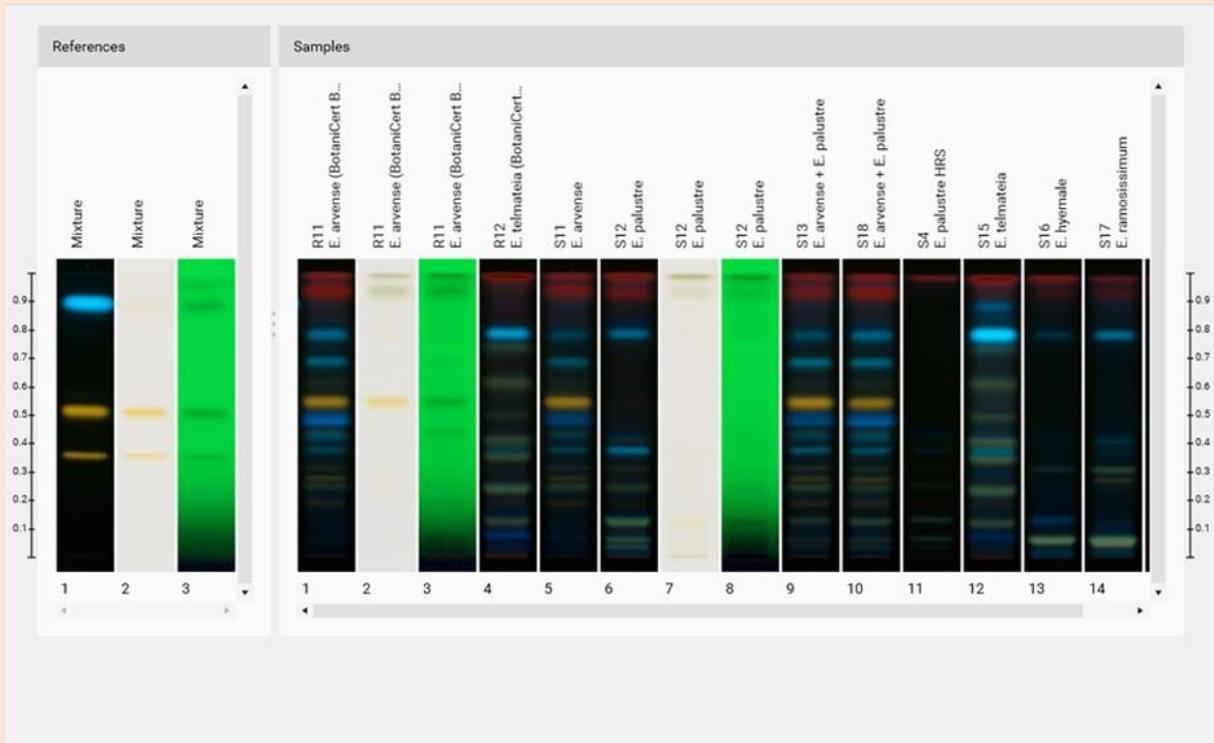
5-3D profiles of images can be generated.

6-The comprehensive set of Image Enhancement Tools in the Data View exploits the TLC Visualizer's full potential.



Comparison viewer: side by side view of tracks from the same or different plates and/or detection modes.

7-A scanner step can be used to perform a single-wavelength, multi-wavelength or spectrum measurement. When choosing multi-wavelength, it's possible to define a pattern to apply.



Wavelength selection

Selection: User

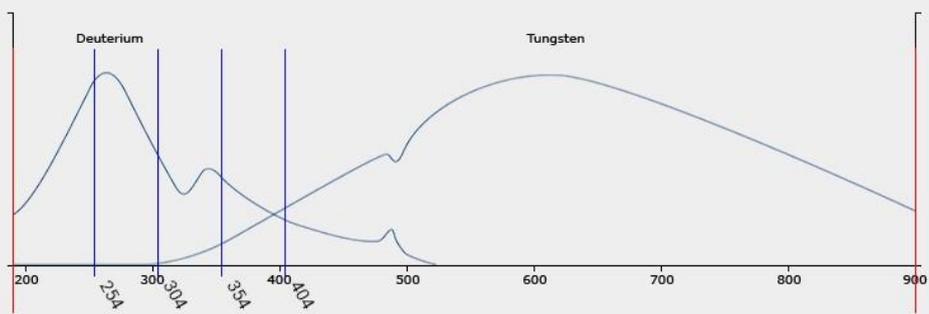
Lamp: Deuterium & Tungsten

Start λ : 254 End λ : 450

Number of λ : 4 Increment: 50

Wavelength(s) applied: 254 nm, 304 nm, 354 nm, 404 nm

Buttons: Reorder, Apply pattern





ولمعرفة المزيد عن المركز اضغط



اضغط