

MOA of Amygdalin

The HPLC method was developed by using a reversed-phase C₁₈ column, mobile phase of methanol-water (30:70, v/v), and a detection wavelength of 215 nm. The flow rate was 1.0 mL·min⁻¹.

Methods:

- 1) Weigh out precisely 30mg products and dissolve with 95% methanol. Then diluted with 95% methanol to 25ml. Have it cooled down to room temperature. Shake well and transit it into 0.45µm micro-filtration membrane.
- 2) Weigh 10mg Standard Substance, same steps as above.
- 3) Under the defined Chromatographic conditions, add 10µl samples and standard Amygdalin into HPLC. Record chromatograph chart, then calculate peak area by external standard method.