

Extraction of Artemisinin from *Artemisia annua* L. Using Supercritical Carbon Dioxide

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The extraction of artemisinin from *Artemisia annua* L. has been investigated using a supercritical carbon dioxide modified methanol in the flow system. The temperature was controlled between 40°C and 60°C. The pressure was regulated from 15 to 35 MPa. The extracts were analyzed by GC-FID and the artemisinin content was determined by the external standard method. The yield of artemisinin in the supercritical method was compared with that in the conventional Soxhlet extraction process.