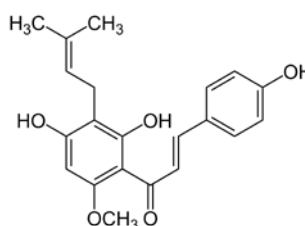


International Calibration Standards for HPLC Analysis for quality control purposes

Purified Xanthohumol, ICS-X1

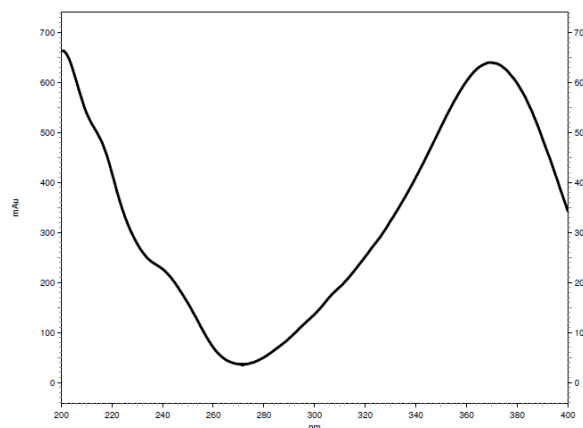
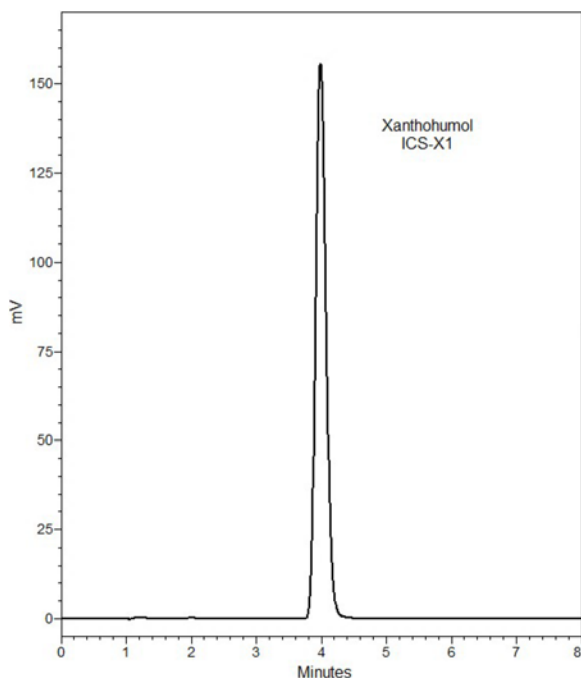
ICS-X1 is a purified preparation of the prenylated flavonoid xanthohumol.

Xanthohumol: 96.0 %(w/w)



ICS-X1 was prepared in the laboratories of Hopsteiner (Germany) under the guidance of committee member, Martin Biendl. Packaging was also carried out in the same laboratory. Following preparation, committee members conducted extensive analysis in order to validate the new standard and assign a purity value to the content of xanthohumol. This validation included a collaborative HPLC study in which the prospective new standard was crosschecked against a high purity, xanthohumol standard.

Modified HPLC-Method EBC 7.8 (UV detection at 370 nm), Column: EC 125/4 C18ec, 1.0 ml/min, 40 °C. Mobile Phase: 750 ml MeOH / 240 ml H₂O / 10 ml 85 % H₃PO₄



UV of Xanthohumol ICS-X1 at 370 nm and RT 4.0 min.

Storage: -20 °C, gas-tight under CO₂ or N₂
Country of origin/produced: Germany

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