Ginseng infusion samples were purchased from different drug stores and were manufactured by six pharmaceutical companies: Kamelia LLC, Ivanovskaya Farmakopevchitsevskaya Fabrika OJSC, Medichemprop OJSC, Tulskaia Pharmaceuticvchitsevskaya Fabrika LLC, Vfitelh CJSC, and Yaroslavskaya Pharmaceuticvchitsevskaya Fabrika CJSC).

Composition: 100 g of ginseng root in 1 L ethanol-water (70:30, v/v).

Materials and standards: Pseudo-ginsenosides RTF, F1, F2, ginsenosides Rb1, Rb2, Re, Rf, Rg1, Rg2, Rg3, Rg4, Rh1, and Rh2; and Compound K (>98%) were obtained from PhytoLab GmbH (Vestbergsgreuth, Germany). Ginsenosides F1, F2, Ro and dry P. quinquefolius extract (extract reference material, XRM ASB-0031075-005) were from ChromaDex Int. ( Irvine, CA, USA).

Ginsenoside contents in P. quinquefolius extract reference material (XRM)