



Soft drinks are beverages consumed widely throughout the world. For quality control, the additive levels in soft drinks must be assayed frequently. This method uses an Acclaim RSLC rapid separation column to improve the throughput to about 20 samples/h (or 2.6 min/sample). To avoid the use of toxic solvents, acetonitrile has been replaced by ethanol. To reduce the solvent viscosity and column pressure, the column is heated to 50 °C. Wavelength switching suppresses interferences near acesulfame-K.