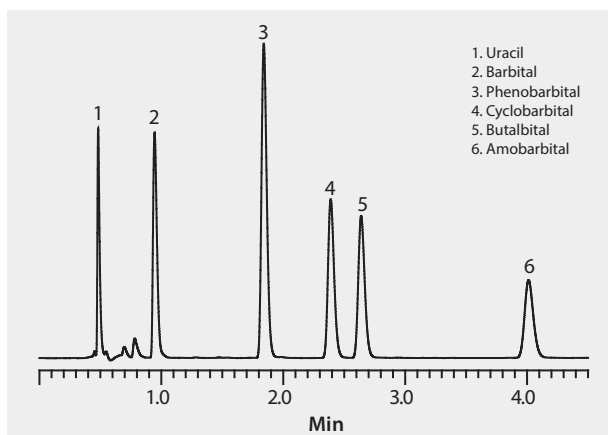


UHPLC Analysis of Barbiturates on Titan™ C18

Analysis of a barbiturate mix using an MS-compatible mobile phase and a Titan C18 UHPLC column is shown here. Fluka LC-MS Ultra CHROMASOLV solvents were used to supply low background interference and low particulate contaminants for robust, trouble-free operation. Cerilliant CRMs provided reliable identification and quantification.

market focus Clinical; Forensics and Toxicology; Pharmaceutical (small molecule)
column Titan C18, 10 cm x 2.1 mm I.D., 1.9 µm particles (577124-U)
mobile phase [A] 0.1% ammonium acetate (not adjusted); [B] acetonitrile; (70:30, A:B)
flow rate 0.4 mL/min
pressure 7540 psi (520 bar)
column temp. 35 °C
detector UV, 230 nm
Application No. **G006073**



Related Products

analytical column

Titan™ C18 UHPLC Column, 1.9 micron ([Supelco 577124-U](#))

mobile phase component

Acetonitrile ([Fluka 14261](#))

Ammonium acetate ([Fluka 14267](#))

Water ([Fluka 14263](#))

standard

Barbital ([Sigma B0375](#))

Butalbital solution ([Cerilliant B-006](#))

Phenobarbital solution ([Cerilliant P-008](#))

Uracil ([Sigma U0750](#))