

## Is the Cogent UDC Cholesterol HPLC column stable as a stationary phase – FAQ

**While cholesterol is a large molecule, the UDC-Cholesterol phase has proven to be stable** in 0.1% v/v TFA and 0.1% v/v H<sub>3</sub>PO<sub>4</sub> at acid pH's and up through pH 8.00 with 20mM NH<sub>4</sub>COOH **buffer** with NH<sub>4</sub>OH.

A pH in excess of pH 8.00 should be avoided as this phase has a mono dentate (*single point*) attachment to the silica matrix and an intermediate ester link in its structure.

*For higher pH's the Cogent Bidentate C18™ is recommended.*



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