

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 H₃PO₄ at acid pH's and up through pH 8.00 with 20mM NH₄COOH **buffer** with NH₄OH.

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.

