



## Improve your peaks.

Thermo Scientific Pierce Detergent Removal Spin Columns are an effective and specific method for the removal of detergents from protein and peptide samples for downstream analysis, including mass spectrometry (MS). This MS-grade resin removes a large variety of detergents over a broad range of concentrations from your samples quickly and efficiently, improving data quality.

- Fast protocol
- Improved MS peptide coverage
- > 95% detergent removal from peptide samples
- > 90% peptide recovery

For more information or to request a sample, visit [www.thermoscientific.com/pierce](http://www.thermoscientific.com/pierce) and search on detergent removal.

Detergent and Removable Concentration (%)	Detergent Removal (%)	BSA Recovery (%)
SDS (2.5)	99	95
Sodium deoxycholate (5)	99	100
CHAPS (3)	99	90
Octyl glucoside (5)	99	90
Octyl thioglucoside (5)	99	95
Lauryl maltoside (1)	98	99
Triton® X-100 (2)	99	87
Triton X-114 (2)	95	100
NP-40 (1)	95	91
Brij®-35 (1)	99	97
Tween®-20 (0.25)	99	87

**Remove detergents with high protein recovery.** Samples (0.1 ml containing 100 µg BSA and detergent) were processed through 0.5 ml of Pierce Detergent Removal Resin and the percent detergent removed was determined. See website for data on additional detergents and peptides.