

MiniTip™ SPE – Micro-scale Extraction

Purification, Concentration and Preparation of Samples for MS Analysis and Identification

These products are suitable for use in proteomic, metabolomic, glycomic and other similar applications for extraction, concentration, and/or purification of small molecules and biological macromolecules.

These tips contain a sorbent bed bonded at the working end of the tip with a proprietary high purity adhesive. The sorbent bed acts as a unique solid phase extraction medium that adsorbs macromolecules of interest from complex matrices and provides purified and concentrated samples for subsequent analyses on ESI-MS, MALI-TOF-MS and other mass spectrometric/chromatographic techniques.

These tips provide the following separation benefits:

- Superior recovery of peptides, proteins and other analytes
- Exceptional binding capacity and enhanced affinity
- Greater sorbent bed stability for cleaner samples
- Fast and effective analyte retention/elution



	MiniTip C18	MiniTip Carbon
Description	C18 bonded on spherical silica, endcapped	Graphitized Carbon Adsorbent
Particle Size	50-60 µm	50-60 µm
Pore Size	200 Å	175 Å
Binding Capacity (per tip)	17 µg Insulin, Chain B, Oxidized 18 µg β-Amyloid 7.6 µg Bradykinin, Fragment 1-7	1.2 µg maltahexose
Cat. No. (pk. 96)	TPSC18	54227-U

To request free literature or for free assistance in selecting suitable products, contact our Technical Service at 800-359-3041 (US and Canada)/814-359-3041 or techservice@sial.com. To order, please call: 800-247-6628 or 814-359-3441

For complete listing of products, visit: sigma-aldrich.com