

Bulk Materials of Cogent TYPE-C Silica Stationary Phases Are Not Available for Sale - Tech Information

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Are Cogent TYPE-C™ Silica-Based Stationary Phases Available as Bulk Materials?

The short answer is No...

Cogent TYPE-C™ silica-based stationary phases (specifically the 4 µm and 2.0 µm particle sizes) are not offered for sale as unpacked bulk materials. This is because TYPE-C™ silica is a unique and highly specialized material, and achieving optimal performance requires the use of proprietary packing technology developed by MICROSOLV. Proper slurry preparation, packing pressure control, and column hardware integration are fundamental to achieving the selectivity, efficiency, and surface-dependent interactions characteristic of TYPE-C™ technology. For this reason, TYPE-C™ materials are supplied only as professionally pre-packed columns or capillaries, ensuring consistent performance from lot to lot and eliminating packing-related variability.

However, 10 µm TYPE-C™ particles *can* be made available by request for specialized applications—typically for users who need larger particle sizes for preparative, pilot-scale, custom device, or educational purposes. This exception is limited and offered only when appropriate for the intended application.

If you require TYPE-C™ phases for method development, routine QA/QC, LC-MS work, or ANP/RP/NP-hybrid workflows, the recommended and supported path is to use pre-packed Cogent TYPE-C™ columns, which are manufactured under controlled conditions ensuring stable retention behavior and reproducible surface chemistry.

