# Dedicated Glass Columns for **MOSH/MOAH Analysis**

according to DGF C-VI 22 (20)

**Ready-to-use Silica available!**

## Manually or automated? The choice is yours!

✓ **Special 180 mm long glass columns**, ideally to load a 10 mL sample in a single manual step.

✓ **Alternatively 105 mm long glass columns** for manual or automated operation

✓ **Inert accessories** and **binder-free glass fibre filters** to avoid blank values

✓ **Ready-to-use silica gel, activated at 400 °C,** in aluminium bottle, with test certificate, resealable dosing aid available

✓ **Simplified handling**, either **manually** or **fully automated** application with FREESTYLE SPE-EVA, to receive the sample purified and concentrated in the 1 mL sample vial without intermediate manual step.

## Better than the norm requires.

Since with the DIN EN 16995:2017 protocol only sufficiently accurate and comparable results down to 10 mg/kg are achievable for matrix loaded samples, an additional DGF method was developed which enables for up to 10-fold more sensitive, comparable and accurate results. Compared to the conventional method above, this requires additional clean-up using silica in glass SPE columns with subsequent evaporation.

LCTech offers dedicated high-quality glass columns with suitable materials to implement the new method in your laboratory. Choose between manual processing or fully automated operation from sample to purified and evaporated concentrate on the FREESTYLE SPE-EVA robotic platform.

# Our experts will be happy to assist:

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*FREESTYLE SPE-EVA*


*Silica gel, ready-to-use*


*LCTech glass columns*

## ORDER INFORMATION

| P/N | Description | Quantity / Packaging Unit |
|---|---|---|
| 19600 | Silica gel 60 (60-200 µm), activated at 400 °C for MOSH/MOAH analysis, ready-to-use in aluminium bottle with test certificate | 600 g |
| 19529 | Dosing aid for MOSH/MOAH silica bottle (P/N 19600); parts with contact to the silica made of Alumina, reusable, with PTFE sealing cap for multiple closing; length around 120 mm | 1 pc. |
| 11156 | Glass column, 180 mm length, for manual handling, usable volume approx. 26 mL | 110 pcs. |
| 19619 | Filling tool (POM) for glass column P/N 11156 | 1 pc. |
| 19620 | Filling tool (PTFE) for glass column P/N 11156 with a needle pen, for easy picking/handling of the glass filters | 1 pc. |
| 10374 | Glass column, 105 mm length, for manual and automated handling, usable volume approx. 14 mL | 100 pcs. |
| 14164 | Filling tool (POM) for glass column P/N 10374 | 1 pc. |
| 19608 | Filling tool (PTFE) for glass column P/N 10374 with a needle pen, for easy picking/handling of the glass filters | 1 pc. |
| 18560 | Glass fibre filter for a.m. glass columns, binder-free, 15 x 1.06 mm, bakeable | 100 pcs. |
| 17835 | FLUFFY Glass fibre filter for a.m. glass columns, binder-free, 15 x 3.5 mm (extra thick), bakeable | 100 pcs. |
| 11043 | Adapter for a.m. glass columns (from column to Luer connector), reusable | 10 pcs. |

**Feel free to ask us for more details or a quotation for the FREESTYLE SPE-EVA robotic system.**