

Clech

according to DGF C-VI 22 (20)

## 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

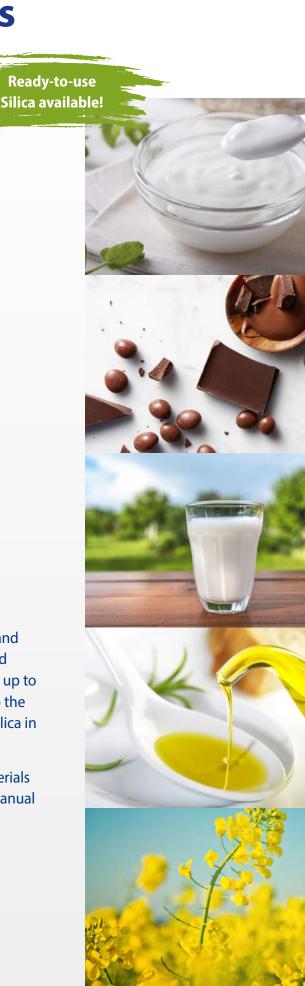


Simplified handling, either manually or fully automated application with FREESTYLE SPE-EVA, to receive the sample purified and concentrated in the 1 mL sample vial without intermediate manual step.

## 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:



+49 8082 2717-0









LCTech glass columns

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P/N	Description	Quantity / Packaging Unit	
19600	Silica gel 60 (60-200 $\mu m$ ), 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.	
	Eggl free to ask us for more details or a quotation for the EREESTVI E SPE-EVA robotic system		

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