



Metrosep Dual 4 - 100/4.6

6.1016.030

The Metrosep Dual 4 separation columns are based on a functionalized Monolith based on silica gel. The Monolith permits an eluent flow of up to 5 mL/min. Despite the high flow, the column is characterized by low backpressure. In contrast to traditional materials, the Monolith has a much larger surface due to its structure of macropores and mesopores. This contributes to the high column capacity with simultaneously very low dead volume.

The Metrosep Dual 4 - 100/4.6 is suitable for a great number of applications. All standard anions can thus be separated in less than nine minutes. The high column capacity makes it largely insensitive to matrix influences. Even in a matrix of 3 g/L chloride, carbonate and sulfate, 0.5 µg/L perchlorate can be detected. The column is therefore used in perchlorate analysis in accordance with EPA standard 314.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 6.1016.030

Qt.	Order no.	Description
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2 PCS

6.2744.060

Threaded stopper

For UNF 10/32. Stopper for IC, e.g. for the sealing of columns.



Optional accessories

Order no.	Description	
6.1016.500	Metrosep Dual 4 Guard Column Kit/4.6 Even if the Dual-4 columns based on monolithic silica gel are very durable, the use of the Dual 4 guard column is advised in order to further increase the safety of the analytical separation column. The Dual 4 guard column is a PEEK cartridge which is also filled with monolithic silica gel. This cartridge is easy to replace and is screwed directly onto the analytical column in an aluminum holder. The proven "On Column Guard System" is simple to use and also offers the advantage of minimal dead volume.	 A blue cylindrical guard column with a black cap and a black base, three small black O-rings, and a black metal wrench.
6.1016.510	Metrosep Dual 4 Guard Column Cartridge/4.6 Set with three guard column cartridges	 Three black cylindrical guard column cartridges of different sizes.