

The Smart Shortcut from Analytics to Prep

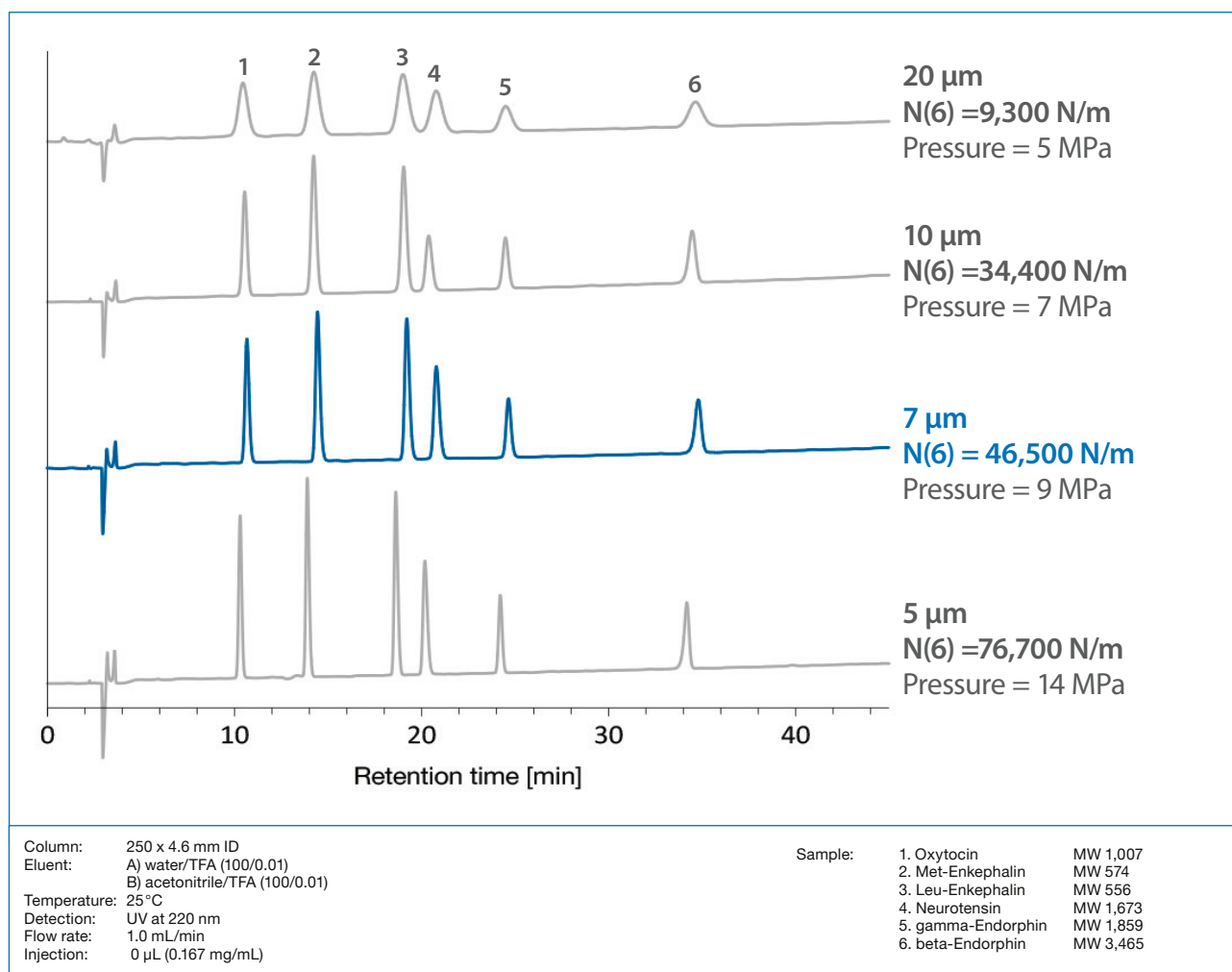
YMC
EUROPE GMBH
The Selectivity Company

Resolution Meets Productivity

Purification is only as good as its resolution. Missing sharpness in separation means more work, lower recovery and higher costs – turning promising processes into expensive challenges. The 7 µm particle from YMC-Triart Prep C18-S provides the ideal solution by combining analytical precision with preparative robustness. Its unique performance characteristics enable reliable, efficient purifications across a wide range of targets – delivering higher productivity and lower overall costs.

With YMC-Triart Prep you benefit from:

- High chemical and mechanical stability
- Outstanding chromatographic performance
- Excellent productivity and reliability
- Long life time
- Full scalability across all particle sizes



YMC-Triart Prep C18-S 7 µm unites analytical precision with preparative robustness - a versatile solution for R&D and beyond.



Available in the Perfect Hardware Solution

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Available pre-packed and for self-packing

The 7 µm YMC-Triart Prep C18-S phase is not only available as bulk material for self-packing but also as prepacked stainless steel columns up to 100 mm ID. The combination with YMC-Actus columns up to 50 mm ID provides high performance purifications up to (semi-)preparative scale. For 80 and 100 mm ID our latest column hardware YMC-Actus SP which is designed with advanced axial compression technology enhances column performance while minimising dead volume. Paired with YMC-Triart Prep, it delivers the perfect combination for outstanding reliability and efficiency.

Key facts at a glance:

- High performance columns providing long lifetime
- For all YMC packing materials with 7 µm particle size or larger
- Ideal solution for hazardous compounds
- Space-saving design



YMC-Actus



YMC-Actus SP

Specifications

	YMC-Actus	YMC-Actus SP
Available IDs	20, 30, 50 mm ID	80, 100 mm ID
Bed Length	up to 250 mm	up to 250 mm
Backpressure Limit	20/30 mm ID: 30 MPa 50 mm ID: 20 MPa	10 MPa
Particle Size [µm]	5, 7, 10, 15, 20	7, 10, 15, 20
Technology	axial compression	spring-assisted axial compression

	YMC-Triart Prep C18-S
Base Material	organic/inorganic hybrid silica
Functional Group	C18
End-capping	yes
Particle Size [µm]	7, 10, 15, 20
Pore Size [nm]	12
Specific Surface Area [m ² /g]	360
pH Range	regular use: 2-10 column cleaning: 2-12

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