

# Kromasil EternityXT

UHPLC/HPLC columns with extended lifetime



# Peptides 1

Column: Kromasil EternityXT-1.8-C8 2.1 x 50 mm Substances: 1: gly-tyr, 2: val-tyr-val, 3: met-enkephalin,

4: leu-enkephalin, 5: angiotensin II

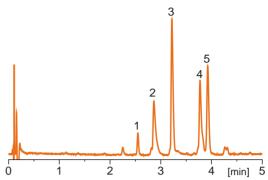
Mobile phase: acetonitrile/water + 0.1% TFA

Gradient: 0 - 0.5 min: 5%, 5 min: 30% acetonitrile

Flow rate: 1.5 ml/min Temperature: ambient

Detection: UV @ 220 nm

# Peptides 2



Column: Kromasil EternityXT-1.8-C8 2.1 x 50 mm Substances: 1: oxytocin, 2: bradykinin, 3: angiotensin II,

4: neurotensin, 5: angiotensin I

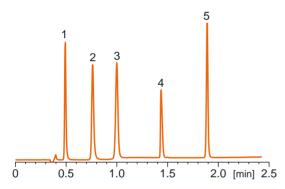
Mobile phase: acetonitrile/water + 0.1% TFA

Gradient: 8 - 30% acetonitrile in 5 min

Flow rate: 1.5 ml/min Temperature: ambient

Detection: UV @ 220 nm

## Additives and sweeteners in soft drinks



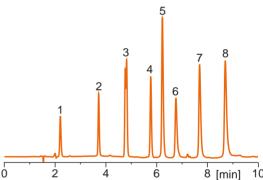
Column: Kromasil EternityXT-2.5-C8 4.6 x 50 mm
Substances: 1: acesulfame K, 2: caffeine, 3: saccarine,
4: aspartame, 5: benzoic acid

Mobile phase: acetonitrile/water + 0.1% TFA Gradient: 15 - 70% acetonitrile in 2.5 min

Flow rate: 1.7 ml/min Temperature: 30 °C

Detection: UV @ 220 nm

## Beta-blockers



Column: Kromasil EternityXT-5-C8 4.6 x 150 mm Substances: 1: sotalol, 2: atenolol, 3: nadolol,

4: acebutolol, 5: pindolol, 6: metoprolol, 7:

oxprenolol, 8: propranolol

Mobile phase: acetonitrile/10 mM ammonium bicarbonate
Gradient: 0min: 20%, 10 min: 90% acetonitrile
Flow rate: 1.0 ml/min Temperature: ambient

Detection: UV @ 230 nm

The moment you adopt our Kromasil High Performance Concept, you join thousands of chromatographers who share a common goal: to achieve better separations when analyzing or isolating pharmaceuticals or other substances.

Not only will you benefit from our patented silica technology, but you gain a strong partner with a reliable track record in the eld of silica products. For the past 70 years, we have pioneered new types of silica. Our long experience in the eld of silica chemistry is the secret behind the development of Kromasil, and the success of our Separation Products group. Kromasil is available in bulk and in high-pressure slurry-packed columns.

The development, production and marketing of Kromasil are ISO 9001 certified.

Kromasil is a brand of Nouryon, a global specialty chemicals leader. Industries worldwide rely on our essential chemistry in the manufacture of everyday products. Building on our nearly 400-year history and operations in over 80 countries, the dedication of our 10 000 employees, and our shared commitment to safety, sustainability, and innovation, we have established a world-class business and built strong partnerships with our customers.



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