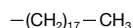


NUCLEOSIL® octadecyl phases (C₁₈)

NUCLEOSIL® standard octadecyl phases · USP L1

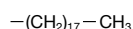


Technical data

- Nonpolar phases
- pH stability at 20 °C: 2 – 8
- carbon content depending on pore size (see table)

- Corresponding NUCLEODUR® phases see C₁₈ ec page 181

NUCLEOSIL® C₁₈ HD · USP L1

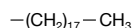


Technical data

- Nonpolar hydrophobic high density phases; monomeric modification
- pH stability 2 – 9

- Carbon content 20 %
- Corresponding NUCLEODUR® phases see C₁₈ Gravity page 158

NUCLEOSIL® C₁₈ AB · USP L1

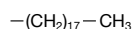


Technical data

- Crosslinked hydrophobic phase; polymeric modification; inert towards acidic and basic substances with high affinity for silica
- pH stability 1 – 9

- Carbon content 25 %; distinct steric selectivity
- Corresponding NUCLEODUR® phases see C₁₈ Isis page 164

NUCLEOSIL® C₁₈ Nautilus · USP L60



Technical data

- Stable in 100 % aqueous eluents
- Carbon content 16 %
- Interesting polar selectivity features; very good base deactivation

- Corresponding NUCLEODUR® phases see PolarTec page 168

All NUCLEOSIL® octadecyl phases are endcapped.
Custom-packed columns with different column dimensions are available on request.

Eluent in column acetonitrile – water

ID	Length → 100 mm	125 mm	150 mm	250 mm	EC guard columns*
NUCLEOSIL® 50-5 C ₁₈ ec; particle size 5 µm, pore size 50 Å, endcapped, 14.5 % C					
Analytical EC columns					
 4.6 mm				720098.46	721473.30
NUCLEOSIL® 100-3 C ₁₈ ; particle size 3 µm, pore size 100 Å, endcapped, 15 % C					
Analytical EC columns					
 4 mm		720150.40		720133.40	721022.30
 4.6 mm	720841.46	720150.46	720949.46	720133.46	721022.30
NUCLEOSIL® 100-5 C ₁₈ ; particle size 5 µm, pore size 100 Å, endcapped, 15 % C					
Analytical EC columns					
 2 mm		720002.20		720014.20	721074.20
 3 mm		720002.30		720014.30	721074.30
 4 mm	720141.40	720002.40	720120.40	720014.40	721074.30
 4.6 mm	720141.46	720002.46	720120.46	720014.46	721074.30