

NP-Amino HPLC Columns

Product Information

Catalog Number

NPAM0001

Size 2.1×30mm

Description

NP-Amino HPLC columns with high surface area silica, dense stationary phase coverage and double end-capping minimize secondary interactions, ensure reproducible high-resolution separations. The phase is bonded with aminopropyl functional group, compatible with versatile mobile phases from non-aqueous solvents to aqueous solutions.

Phase

Amino (NH₂)

Application

Use for the separations of both polar and non-polar compounds, such as pharmaceuticals, carbohydrates, amino acids, nucleotides, oligosaccharides, and organic acids.

Packing Material

Spherical, high purity (<10 ppm metals)

Particle Size (μm)

1.8 μm

Pore Size (Å)

120 Å

ID×Length (mm)

2.1×30mm

pH stability

2-7.5

NP-Amino HPLC Columns

Recommended operating pressure

under 3,000 psi

The maximum operating temperature

60

Phase structure

Monomeric and fully endcapped

Pore volume

1.0 ml/g

Surface area

300 m²/g

% Carbon

0.04
