

# Brownlee Analytical Columns

Brownlee Analytical columns are built on 110 Å pore size Type A silica in 3 µm and 5 µm particle sizes that is equivalent to the classic Hypersil® silica. These columns provide excellent peak shape for acidic and neutral analytes but are generally not recommended for basic analytes. They are available in column lengths from 5 – 250 mm in 2.1 and 4.6 mm ID.

## Features and Benefits

- Type A, 110 Å pore size silica equivalent to classic Hypersil® silica
- Good choice when analyzing neutral and acidic analytes

## Material Characteristics

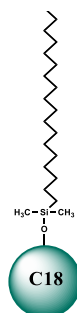
Phase*	Particle Sizes (µm)	Pore Size (Å)	Carbon Load	End Capping	pH Stability	Temp. Limit (°C)	USP Code
Analytical C18	3.0, 5.0	110	13%	Yes	2.5 – 7.5	80	L1
Analytical Phenyl	5	110	6%	Yes	2.5 – 7.5	80	L11
Analytical Silica	5	110	–	No	2.5 – 7.5	80	L3

\* Proprietary

## Brownlee Analytical C18

Excellent choice for a general purpose C18 column with intermediate carbon loading and surface area. These columns provide reliable performance and excellent peak symmetry for a broad range of acidic and neutral hydrophobic compounds.

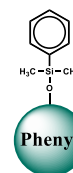
Particle Size (µm)	Length (mm)	ID (mm)	Part No.
3.0	50	4.6	<b>N9303510</b>
3.0	100	4.6	<b>N9303507</b>
3.0	150	4.6	<b>N9303508</b>
5.0	100	4.0	<b>N9303511</b>
5.0	100	4.6	<b>N9303512</b>
5.0	150	4.6	<b>N9303513</b>
5.0	250	4.6	<b>N9303514</b>



## Brownlee Analytical Phenyl

The Analytical Phenyl offer alternative selectivity to the traditional straight alkyl chain phases, especially for aromatic compounds due to *pi-pi* interactions with the phenyl phase.

Particle Size (µm)	Length (mm)	ID (mm)	Part No.
5.0	150	4.6	<b>N9303524</b>



## Brownlee Analytical Silica

Analytical silica columns are simply bare silica particles for use in normal phase separations recommended for analysis of highly polar compounds.

Particle Size (µm)	Length (mm)	ID (mm)	Part No.
5.0	150	4.6	<b>N9303525</b>
5.0	200	4.6	<b>N9303526</b>

