

# Normal Phase SPE

## VertiPak™ AL-B

- VertiPak™ AL-B SPE is basic alumina, extremely polar sorbent and more stable under high pH conditions than silica
- Basic washing of Alumina results in a anionic surface with decreased capacity for acidic compounds
- Compounds are retained by ion exchange with the negatively charged surface or by specific interactions with the metal centre
- Typical applications include neutral amines, cationic compounds
- Tube format is available in 7 tube sizes
- Cartridge format is available in 300mg, 600mg and 900mg size
- Tubes or cartridges are packaged in zip sealing bag protective from moisture and light
- Includes Certificate of Analysis



### Chemical structure



Chemical structure of AL-B (Basic Alumina)

### Specifications

Phase	AL-B
Base	Basic Alumina
Particle Size (µm)	100
Pore Size (Å)	110
Surface Area (m <sup>2</sup> /g)	175
Carbon Load (%)	-
Bonding	-
Endcap	No
pH Stability	10

### Ordering Information

Bed Weight	Tube Size	QTY	Part No.
<b>VertiPak™ AL-N SPE Tubes</b>			
50mg	1mL	100	0118-0236
50mg	3mL	50	0118-0245
100mg	1mL	100	0118-0336
100mg	3mL	50	0118-0345
100mg	10mL	30	0118-0364
200mg	3mL	50	0118-0445
200mg	10mL	30	0118-0464
500mg	3mL	50	0118-0645
500mg	6mL	30	0118-0654
500mg	10mL	30	0118-0664
1,000mg	6mL	30	0118-0954
2,000mg	12mL	30	0118-1074
5,000mg	25mL	20	0118-12A2
5,000mg	35mL	20	0118-1282
10,000mg	60mL	16	0118-1391
<b>VertiPak™ AL-N SPE Cartridges</b>			
300mg		25	0118-0503
300mg		50	0118-0505
300mg		100	0118-0506
600mg		25	0118-0713
600mg		50	0118-0715
600mg		100	0118-0716
900mg		25	0118-0823
900mg		50	0118-0825
900mg		100	0118-0826