

VertiPak™ NH2/Carbograph

- VertiPak™ NH2/Carbograph SPE is double-layer SPE tube that contains both VertiPak™ Carbograph (upper layer) and VertiPak™ NH2 (lower layer) sorbents that separated by PE frit.
- Specially used for multi-residue pesticides in foods e.g. vegetables, meats.
- VertiPak™ NH2 is an aminopropyl phase that exhibits as weak anion exchanger for organic pigments, organic acids, chlorophyll.
- VertiPak™ Carbograph is non-porous graphitized carbon black. Its surface contains oxygen complexes forming positively charged chemical heterogeneities on surface offering rapid primary reversed-phase interaction for multi-residue pesticides.
- Tube format is available in 7 tube sizes.
- Tubes are packaged in zip sealing bag protective from moisture and light.
- Includes a Performance report including the QC results, lot chromatogram and lot recovery test.



NH2 Specifications

| | |
|----------------------------------|-------------------------|
| Phase | NH2 (Aminopropyl) |
| Base | Irregular-shaped Silica |
| Particle Size (µm) | 45-65 |
| Pore Size (Å) | 60-80 |
| Surface Area (m ² /g) | 450-550 |
| Carbon Load (%) | 5 |
| Endcap | No |
| pH Stability | 2-9 |

Carbograph Specifications

| | |
|----------------------------------|-------------------------------|
| Base | Non-Porous Graphitized Carbon |
| Particle Size (µm) | 35-120 |
| Pore Size (Å) | - |
| Surface Area (m ² /g) | 100-120 |
| Carbon Load (%) | - |
| Endcap | No |
| pH Stability | - |

VertiPak™ NH2/Carbograph Tubes

| Bed Weight | Tube Size | QTY | Part No. |
|---------------|-----------|-----|-----------|
| 25/25mg | 1mL | 100 | 0123-0236 |
| 25/25mg | 3mL | 50 | 0123-0245 |
| 50/50mg | 1mL | 100 | 0123-0336 |
| 50/50mg | 3mL | 50 | 0123-0345 |
| 50/50mg | 10mL | 30 | 0123-0364 |
| 100/100mg | 3mL | 50 | 0123-0445 |
| 100/100mg | 10mL | 30 | 0123-0464 |
| 250/250mg | 3mL | 50 | 0123-0645 |
| 250/250mg | 6mL | 30 | 0123-0654 |
| 250/250mg | 10mL | 30 | 0123-0664 |
| 500/500mg | 6mL | 30 | 0123-0954 |
| 500/500mg | 12mL | 30 | 0123-0974 |
| 1,000/1,000mg | 12mL | 30 | 0123-1074 |
| 2,500/2,500mg | 35mL | 20 | 0123-1282 |
| 5,000/5,000mg | 60mL | 16 | 0123-1391 |