

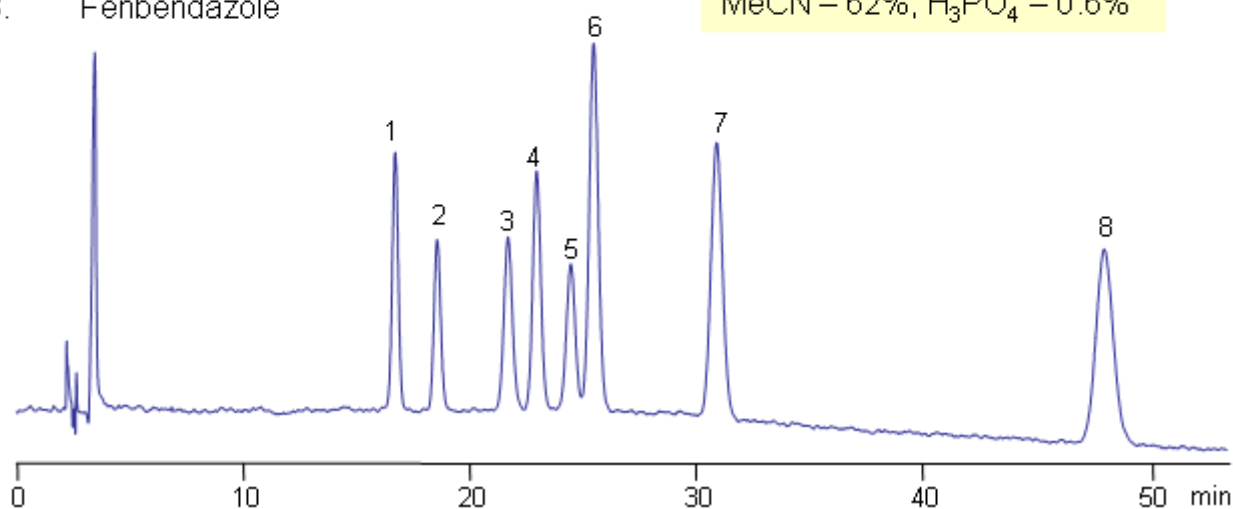
# HPLC Separation of Bendazoles on Primesep P Column

<https://sielc.com/Application-HPLC-Separation-of-Bendazoles-on-Primesep-P-Column>

## Chromatogram

1. 5-hydroxy thiabendazole
2. 2-aminosulphone albendazole metabolite
3. Oxfendazole
4. Thiabendazole
5. Cambendazole
6. Carbendazim
7. Mebendazole
8. Fenbendazole

**Column:** Primesep P  
**Size:** 4.6 x 250 mm  
**Flow rate:** 1.0 mL/min  
**Injection:** 5 µL  
**Detection:** UV 270 nm  
**Mobile phase:**  
MeCN – 62%, H<sub>3</sub>PO<sub>4</sub> – 0.6%



## Description

Eight bendazoles are separated on Primesep P HPLC column by combination of reverse phase and ion-exchange mechanisms. Primesep P column can be used when mixed-mode mechanisms, including pi-pi interactions, can benefit separation. HPLC column and method is compatible with UV detection technique.