

Microbore HPLC-ELSD:

Separation of a hydrophobic, basic antistatic agent

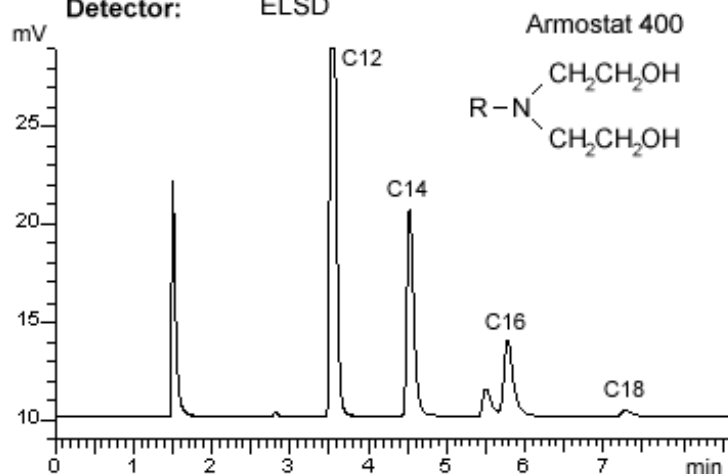
(Armostat 400)



App No 111

Antistatic Agent

Column: 3.5 μ Kromasil C18 100Å
Dimensions: 1 x 150 mm
Order No.: S-111-1015
Mobile Phase: A: MeCN-TEA (95:5)
 B: Ethylacetate-TEA (95:5)
Gradient: 0 to 50% in 15 mins
Flow Rate: 50 μ L/min
Temp.: 30C
Detector: ELSD



Comments:

Armostat 400 is a commonly used antislipping agent within the plastics industry. The universal response of the evaporative light-scattering detector (ELSD) is ideal for monitoring the synthesis of this product.

The addition of triethylamine (TEA) is a necessity for eluting this product with acceptable peak shapes.

ORDERING INFORMATION: HotSep® Kromasil C18, 3.5 μ , 100Å

| ID | 5 cm | 10 cm | 15 cm | 25 cm | Guard | Guard/5pk |
|------------|------------|-------------|-------------|------------|------------|------------|
| 1.0 mm | S-111-1005 | S-111-1010 | S-111-1015 | S-111-1025 | G-111-10-1 | G-111-10-5 |
| 0.5 mm | S-111-0505 | S-111-0510 | S-111-0515 | S-111-0525 | G-111-05-1 | G-111-05-5 |
| 0.3 mm | S-111-0305 | S-111-0310 | S-111-0315 | S-111-0325 | G-111-03-1 | G-111-03-5 |
| 0.1 mm | --- | S-111-0110 | S-111-0115 | --- | --- | --- |
| 75 μ m | --- | S-111-00710 | S-111-00715 | --- | --- | --- |