

**Acclaim™ PolarAdvantage**  
**C16 5µm 120Å (4.6 X 150 mm)**  
**Product No. 061320**

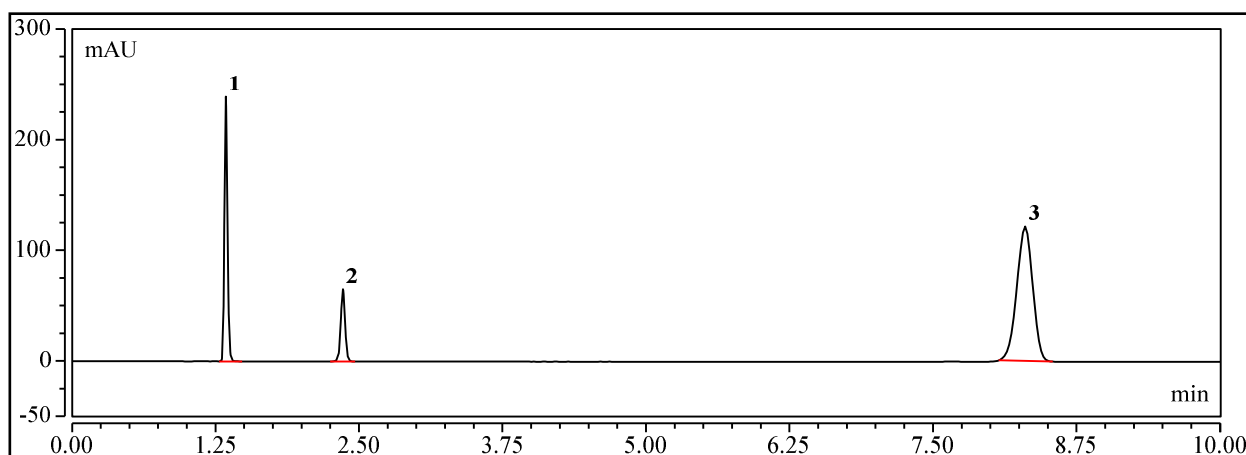
Serial No. : 001968  
Lot No. : 02020138

Date: 07-Jun-23 13:26  
Pressure (psi): 498

Mobile Phase: 70/30 v/v Acetonitrile/Water  
Flow Rate: 1.00 mL/min  
Detection: 254 nm  
Injection Volume: 5.0 µL  
Temperature: 30°C

Uracil: 0.015 mg/mL  
Dimethylphthalate: 0.075 µL/mL  
Phenanthrene: 0.015 mg/mL

Storage Solution: Mobile Phase



| No. | Peak Name         | Ret.Time<br>(min) | Asymmetry<br>(EP) | Plates/Column<br>(EP) | K'   |
|-----|-------------------|-------------------|-------------------|-----------------------|------|
| 1   | Uracil            | 1.34              | 1.19              | 11483                 | 0.04 |
| 2   | Dimethylphthalate | 2.36              | 1.02              | 18232                 | 0.84 |
| 3   | Phenanthrene      | 8.30              | 0.95              | 16962                 | 5.47 |

**Test Results for Phenanthrene:**

|                            | <u>Specification</u> | <u>Results</u> |
|----------------------------|----------------------|----------------|
| Retention Time:            | 7.50-8.40            | PASS           |
| Theoretical Plates/Column: | >13,500              | PASS           |
| Peak Asymmetry:            | 0.95-1.20            | PASS           |

*Production Reference:*

Datasource: Acclaim7  
Directory: Silica4/Silica4\_2  
Sequence: 20015429\_061320\_NL  
Sample No: 6

7.2.10.24543

Chromleon™ Thermo Fisher Scientific

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