

**CoreFocus**  
**Report**  
**No.233**

LC

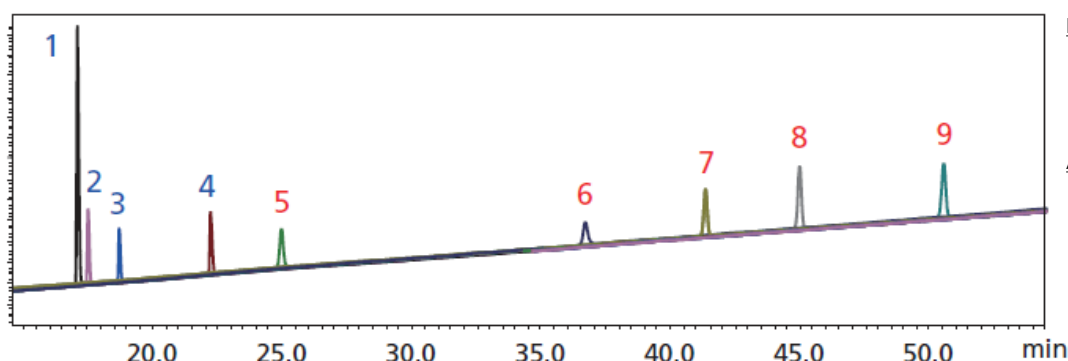
Reversed-phase

Shim-pack™ Series

**Shim-pack Arata™ C18**

**Analysis of Mixtures of Basic and Acidic Drugs**

**Keywords: NSAIDs, anti-inflammatory, antihistamine**



**Basic drugs**

1. Cyproheptidine
2. Hydroxyzine
3. Mequitazine
4. Clemastine

**Acidic drugs**

5. Proxicam
6. Meloxicam
7. Flurbiprofen
8. Diclofenac
9. Mefenamic acid

System	: Nexera™ X2
LC column	: Shim-pack Arata C18 (2.0 mm x 150 mm I.D., 2.2 μm), P/N : 227-32801-04
Mobile phase	: A) 0.1 % Formic acid in water : B) 0.1 % Formic acid in acetonitrile
Time program	: B conc. 10 % (0 min) → 70 % (50-60 min) → 10 % (60.01-70 min)
Flow rate	: 0.2 mL/min
Detection	: SPD-20A (semi-micro cell), 226 nm
Column temp.	: 40 °C
Injection volume	: 1 μL

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Some products may be updated to newer models.



➤ Shim-pack Arata LC  
Columns  
HPLC Column

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Support Inquiry

➤ Other Inquiry