

# CoreFocus Report

No.597

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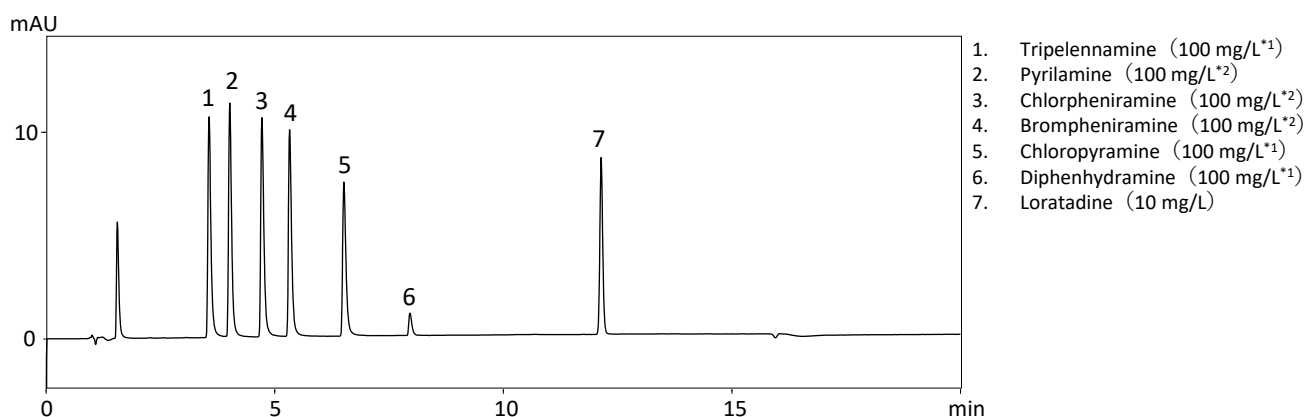
Reversed-phase

Shim-pack™ Series

## Shim-pack NovaCore C18-HB

### Analysis of antihistaminic drug under acidic condition

Keywords: antihistaminic drug, basic compound



System	: Nexera™ X3
Column	: Shim-pack NovaCore C18-HB, 150 mm x 4.6 mm I.D., 5 μm <sup>3</sup>
Mobile phases	: A: 0.1% formic acid in water B: 0.1% formic acid in acetonitrile
Flow rate	: 1.5 mL/min
Time program	: 5% (0 min) → 40% (15 min) → 5% (15-20 min)
Sample solvent	: Formic acid/Acetonitrile/Water = 0.1/40/60 (v/v/v)
Column oven temp.	: Ambient
Injection vol.	: 1 μL
Detection	: 254 nm (SPD-40, STD cell)

1\*: 100 mg/L as hydrochloride salt  
2\*: 100 mg/L as maleate salt  
3\*: P/N : 227-32903-11

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