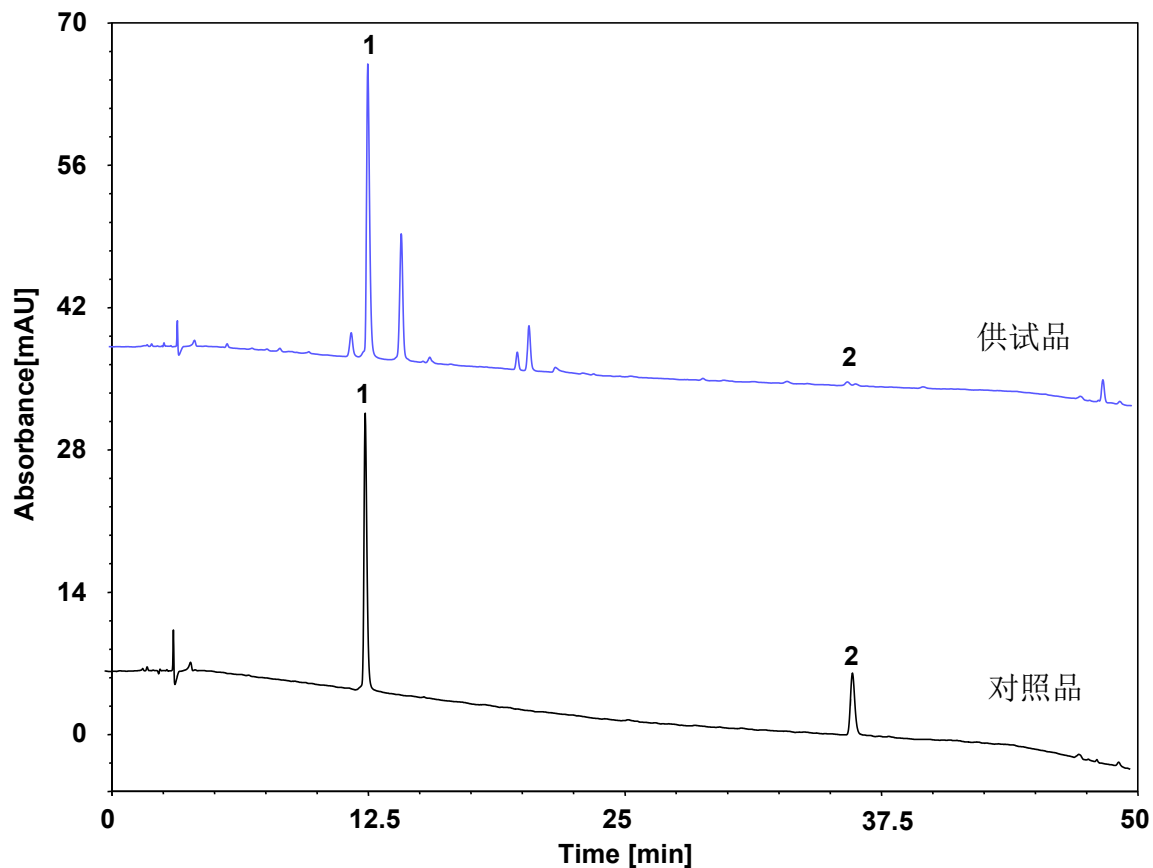


# 苦参 (ChromCore 120 C18) (中国药典2020)

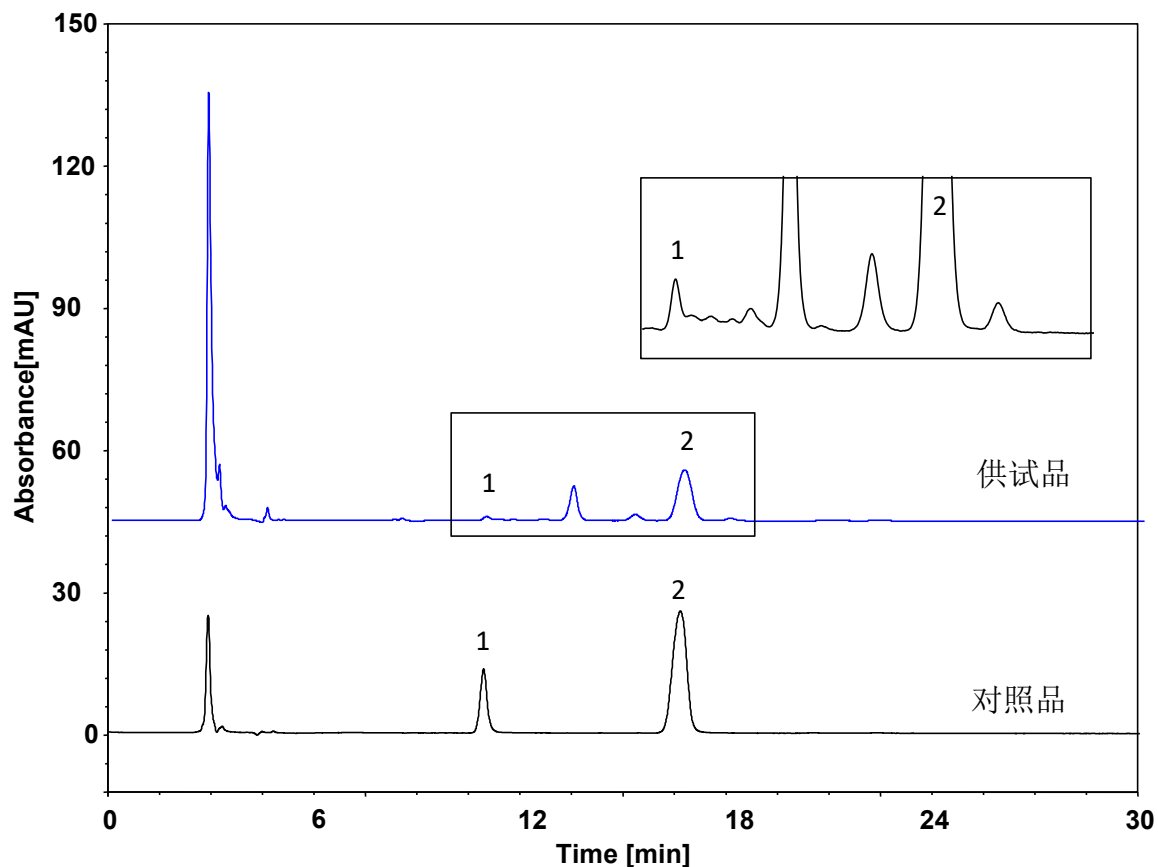


Column: ChromCore 120 C18, 5  $\mu$ m  
Dimension: 4.6  $\times$  250 mm  
Mobile Phase: A) 60/40 v/v 乙腈/10 mM 乙酸铵溶液, pH8.1  
B) 10 mM 乙酸铵溶液, pH8.1  
Gradient: 

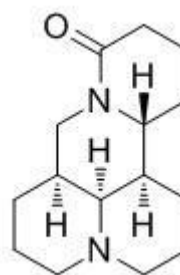
t (min)	%A	%B
0	10	90
20	30	70
40	40	60
50	60	40

  
Flow Rate: 1.0 mL/min  
Temperature: 25  $^{\circ}$ C  
Injection: 5  $\mu$ L  
Detection: UV 225 nm  
Sample: 苦参  
Peaks: 1. Oxymatrine (氧化苦参碱)  
2. Matrine (苦参碱)

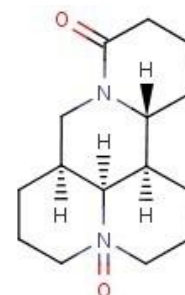
# 苦参 (ChromCore NH<sub>2</sub>) (中国药典2015)



Column: ChromCore NH<sub>2</sub>, 5 μm  
Dimension: 4.6 × 250 mm  
Mobile Phase: A) MeCN  
B) EtOH  
C) 3% (v/v) H<sub>3</sub>PO<sub>4</sub>/H<sub>2</sub>O  
Gradient: A/B/C v/v/v 80/10/10  
Flow Rate: 1.0 mL/min  
Temperature: 30 °C  
Injection: 5 μL  
Detection: UV 220 nm  
Peaks: 1. Matrine (苦参碱)  
2. Oxymatrine (氧化苦参碱)



Matrine



Oxymatrine