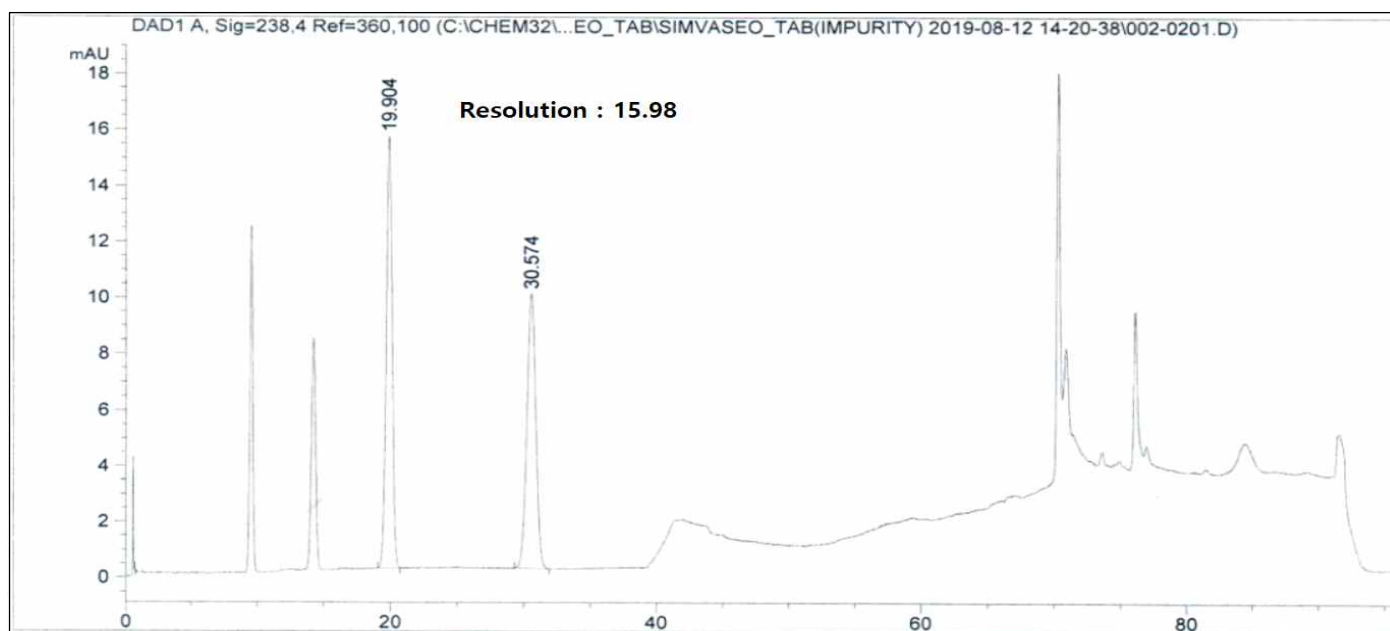


# HPLC DATA SHEET

## Simvastatin (USP, Impurity)



1. Lovastatin 2. Simvastatin

### HPLC condition

Column Aegispak C18-L (5 $\mu$ m, 4.6mm I.d.  $\times$  150mm)  
Mobile phase A : Prepare a mixture of acetonitrile and dilute phosphoric acid (1 mL in 1L of water) (45 : 55)  
Mobile phase B : Prepare a mixture of acetonitrile and dilute phosphoric acid (1 mL in 1L of water) (90 : 10)  
<Gradient System>

min	A(%)	B(%)
0	100	0
38	100	0
40	65	35
50	65	35
70	0	100
90	0	100
92	100	0
100	100	0

Flow rate 2.0mL/min  
Temperature Autosampler : 10 $^{\circ}$ C  
Column : 30 $^{\circ}$ C  
Injection Vol. 20 $\mu$ L  
Detector UV (238nm)