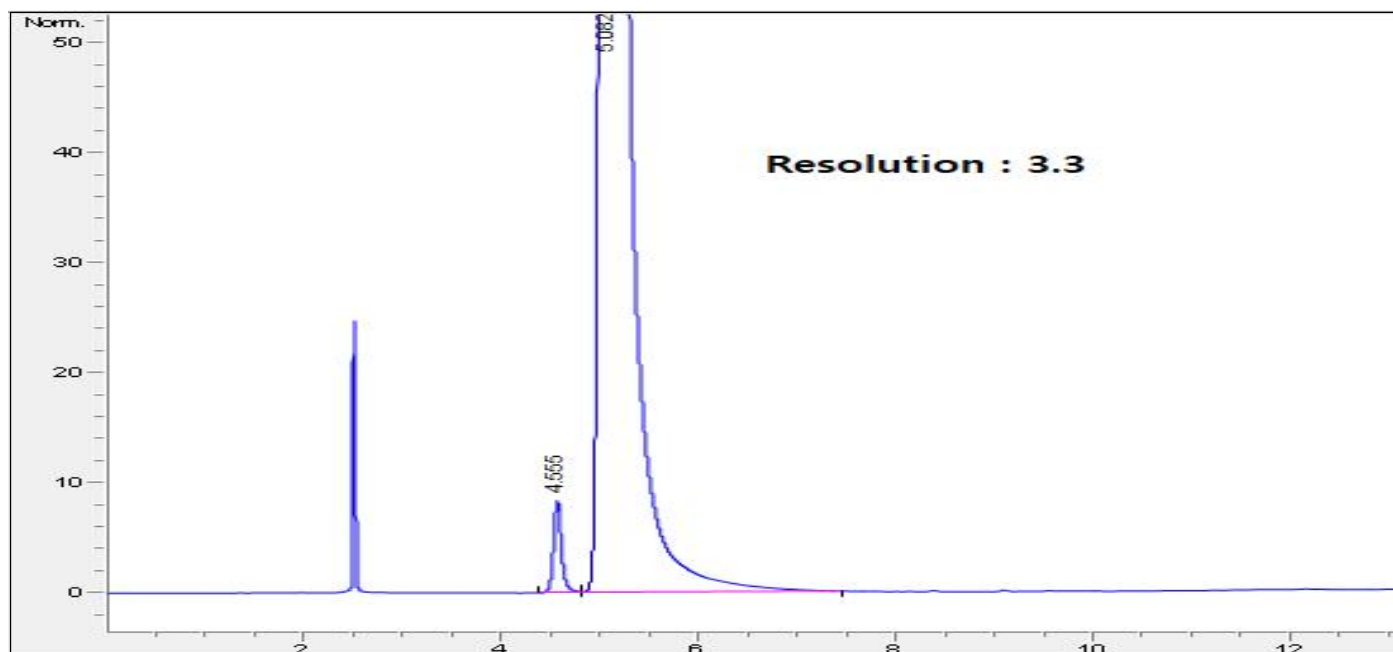


HPLC DATA SHEET

Nicotinamide (BP, Related substances)



1. Impurity D 2. Nicotinamide

HPLC condition

Column INNO Column C18 (3 μ m, 4.6mm I.d. \times 150mm)
Solution A : Dilute acetic acid 5.0mL + water 900mL + Dilute ammonia 30mL + Acetonitrile 15mL/1L water
Solution B : Acetonitrile : Solution A = 50 : 50
*Dilute acetic acid : glacial acetic acid 12g/100mL water
*Dilute ammonia : ammonia water 0.7g/100mL water

Mobile Phase

Time	Solution A	Solution B
0	98	2
2.0	98	2
16.0	0	100
16.1	98	2
30.0	98	2

Flow rate 1.0mL/min
Temperature 30 $^{\circ}$ C
Injection Vol. 20 μ L
Detector UV (264nm)