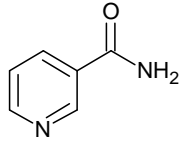


水溶性ビタミン10成分のHILIC分離(1)

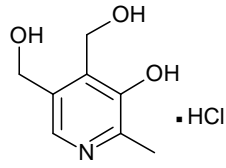
~ 分析サンプル ~

1



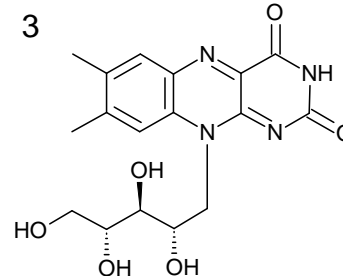
Nicotinamide

2



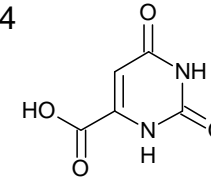
Pyridoxine hydrochloride

3



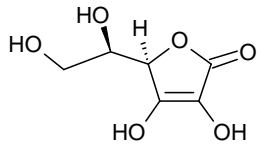
Riboflavin

4



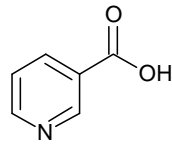
Orotic acid

5



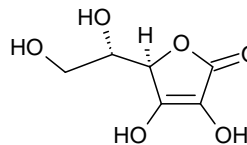
Erythorbic acid
(D-Isoascorbic acid)

6



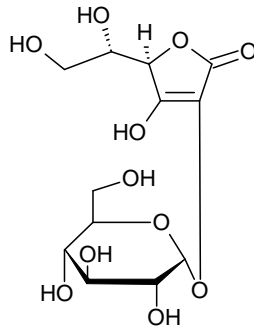
Nicotinic acid

7



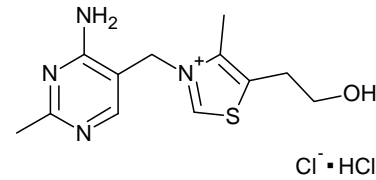
L-Ascorbic acid

8



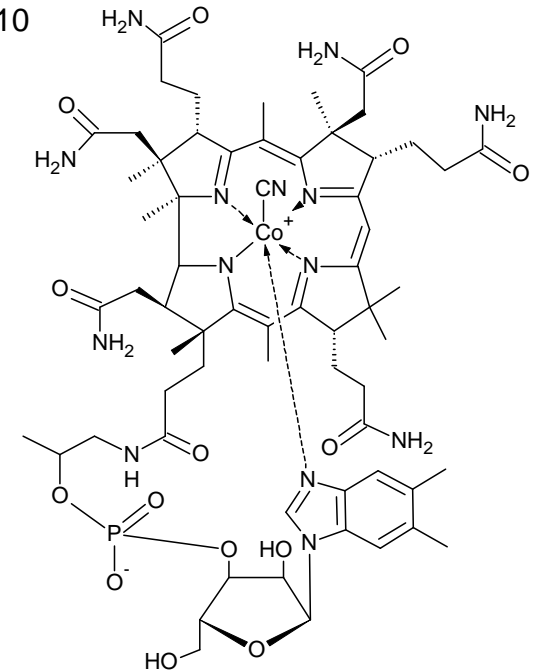
2-O-α-D-Glucopyranosyl-L-ascorbic acid

9



Thiamine hydrochloride

10

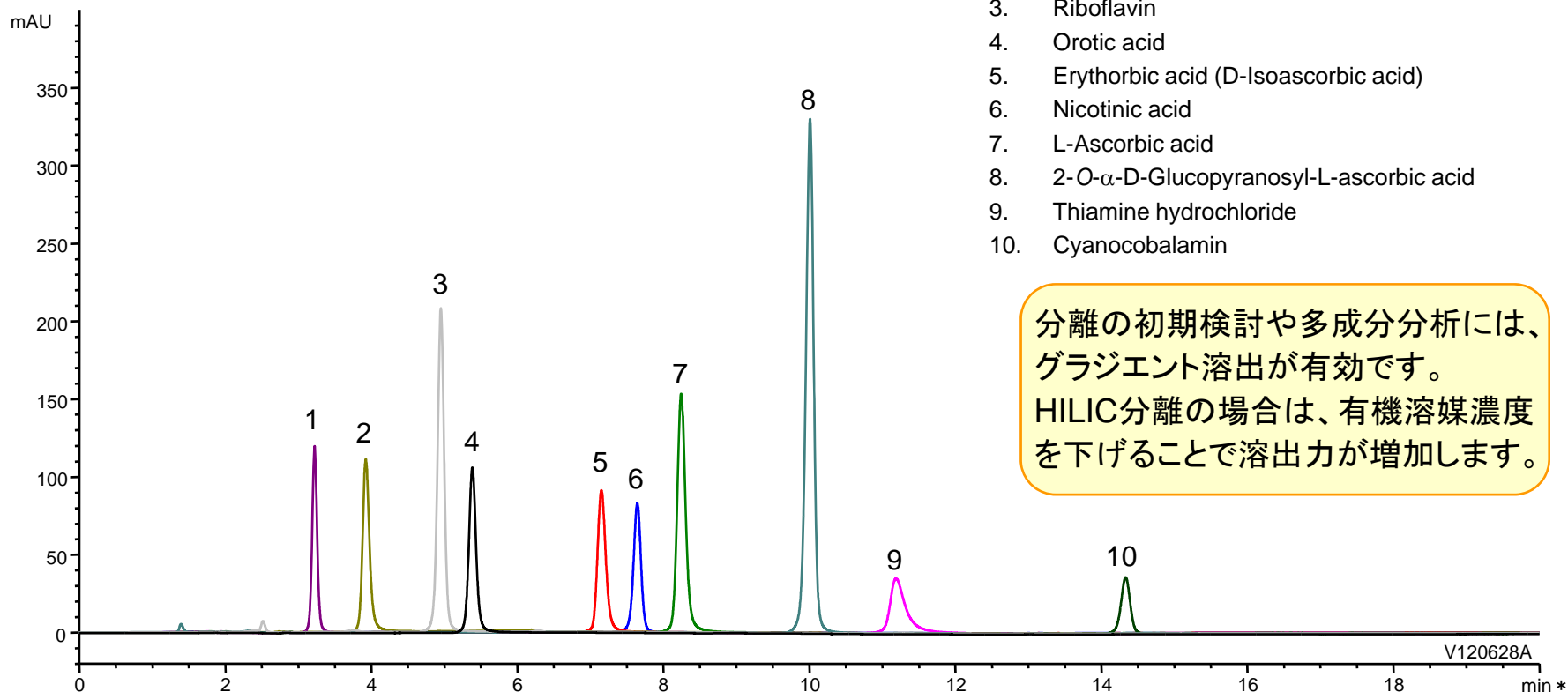


Cyanocobalamin

水溶性ビタミン10成分のHILIC分離(2) ~ YMC-Triart Diol-HILICによるグラジエント分析 ~

YMC-Triart Diol-HILIC

New!



1. Nicotinamide
2. Pyridoxine hydrochloride
3. Riboflavin
4. Orotic acid
5. Erythorbic acid (D-Isoascorbic acid)
6. Nicotinic acid
7. L-Ascorbic acid
8. 2-O- α -D-Glucopyranosyl-L-ascorbic acid
9. Thiamine hydrochloride
10. Cyanocobalamin

分離の初期検討や多成分分析には、
グラジエント溶出が有効です。
HILIC分離の場合は、有機溶媒濃度
を下げることで溶出力が増加します。

Column	: YMC-Triart Diol-HILIC (5 μ m, 12 nm) 150 X 3.0 mm I.D.	Flow rate	: 0.425 mL/min
Eluent	: A) water/ acetonitrile (5/95) containing 10 mM CH ₃ COONH ₄ B) water/ acetonitrile (50/50) containing 10 mM CH ₃ COONH ₄ 10-80%B (0-20 min)	Temperature	: 40°C
		Detection	: UV at 254 nm
		Injection	: 4 μ L (50 ~ 250 μ g/mL)