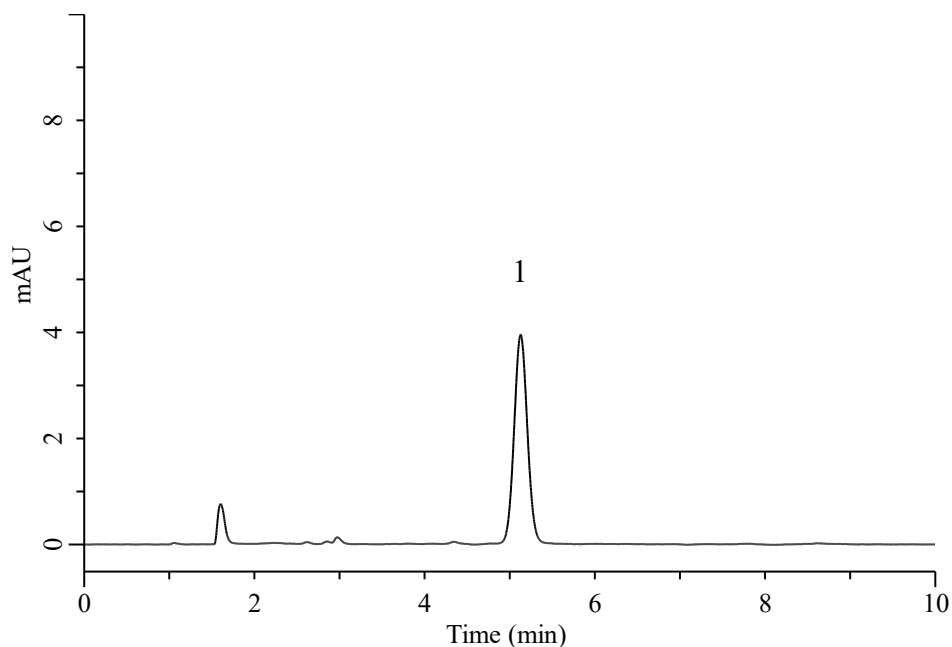


Analysis of Folic acid

(Under the Condition of USP41-NF36, Oil- and Water-Soluble Vitamins Capsules_ FOLIC ACID Method 2)



Conditions

System	: Chromaster PLUS (HITACHI)
Column	: InertSustain C8 (GL Sciences Inc.) (5 μm, 250 x 4.6 mm I.D.)
Column Cat. No.	: 5020-16028
Eluent	: Solution*
Flow Rate	: 2.0 mL/min
Col. Temp.	: 50 °C
Detection	: UV 270 nm (Chromaster 5410AD UV)
Injection Vol.	: 5 μL
Sample	: Standard

Analyte:

1. Folic acid	7.5 µg/mL
RSD of the peak area of 1 (%) (n=6)	: 0.30 (≤2.0)

*: Transfer 0.4 mL of triethylamine, 15.0 mL of glacial acetic acid, and 350 mL of methanol to a 2000-mL volumetric flask and dilute with 0.008 M sodium 1-hexanesulfonate to volume.