

Unison UK-C1

100 x 4.6 mm

HPLC COLUMN APPLICATION

Methyl Orange (pH indicator)

メチルオレンジ (pH指示薬)

Neutral pH Condition

mAU

0 -

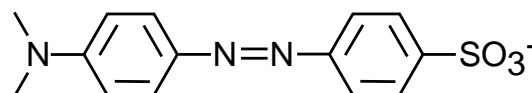
0

5

min

10

15



methyl orange (mo⁻)
(solution color : yellow)

Unison UK-C1, 100 x 4.6 mm

A: 100mM HCOONH₄ / ACN = 90 / 10

B: 100mM HCOONH₄ / ACN = 10 / 90

0-75%B (0-15min)

1.0mL/min (13MPa), 37°C, 460nm

10μL (0.025mg/mL, 100mM HCOONH₄ / ACN = 75 / 25)

Acidic pH Condition

mAU

120 -

0 -

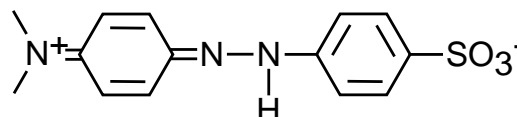
0

5

min

10

15



methyl orange (Hmo)
(solution color : red)

Unison UK-C1, 100 x 4.6 mm

A: water / ACN / HCOOH = 90 / 10 / 0.5

B: water / ACN / HCOOH = 10 / 90 / 0.5

0-65%B (0-15min)

1.0mL/min (13MPa), 37°C, 470nm

10μL (0.05mg/mL, water / ACN / HCOOH = 50 / 50 / 1)