

Cadenza CW-C18

100 x 4.6 mm

HPLC COLUMN APPLICATION

Metacresol Purple (pH indicator)

メタクレゾールパープル (pH指示薬)

Neutral pH Condition

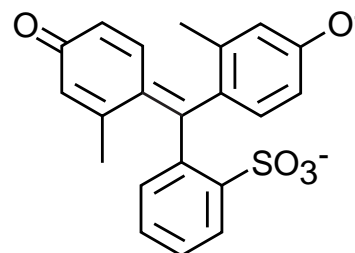
200 -

mAU

Cadenza CW-C18, 100 x 4.6 mm
 A: 100mM HCOONH₄ / ACN = 90 / 10
 B: 100mM HCOONH₄ / ACN = 10 / 90
 0%B (0-1min), 0-60%B (1-15min)
 1.0mL/min (13MPa), 37°C, 430nm
 10μL (0.1mg/mL, 100mM HCOONH₄ / ACN = 70 / 30)

0 -

0 5 min 10 15



metacresol purple
 (solution color : yellow)

Acidic pH Condition

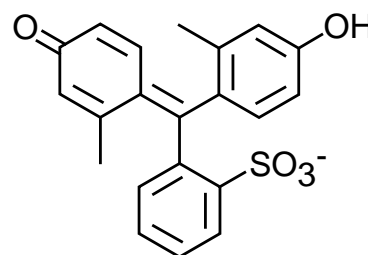
200 -

mAU

Cadenza CW-C18, 100 x 4.6 mm
 A: water / ACN / HCOOH = 90 / 10 / 0.5
 B: water / ACN / HCOOH = 10 / 90 / 0.5
 0%B (0-1min), 0-60%B (1-15min)
 1.0mL/min (13MPa), 37°C, 430nm
 10μL (0.2mg/mL, water / ACN / HCOOH = 70 / 30 / 1)

0 -

0 5 min 10 15



metacresol purple
 (solution color : orange)