

Unison UK-C1

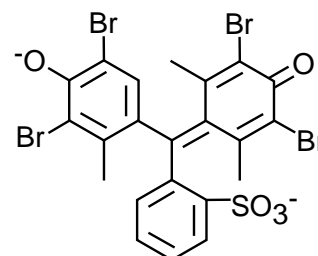
100 x 4.6 mm

HPLC COLUMN APPLICATION

Bromocresol Green (pH indicator)

ブロモクレゾールグリーン (pH指示薬)

Neutral pH Condition



*bromocresol green (bcg²⁻)
(solution color : blue)*

mAU

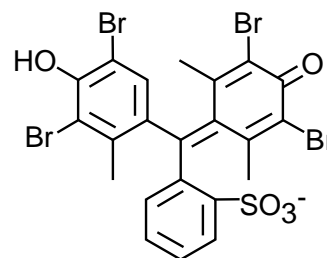
50 -

Unison UK-C1, 100 x 4.6 mm
 A: 100mM HCOONH₄ / ACN = 90 / 10
 B: 100mM HCOONH₄ / ACN = 10 / 90
 0-70%B (0-15min)
 1.0mL/min (11MPa), 37°C, 615nm
 10μL (0.02mg/mL, 100mM HCOONH₄)

0 -

0 5 10 15 min

Acidic pH Condition



*bromocresol green (Hbcg⁻)
(solution color : yellow)*

100 -

mAU

Unison UK-C1, 100 x 4.6 mm
 A: water / ACN / HCOOH = 90 / 10 / 0.5
 B: water / ACN / HCOOH = 10 / 90 / 0.5
 15-100%B (0-15min)
 1.0mL/min (11MPa), 37°C, 450nm
 10μL (0.21mg/mL, water / HCOOH = 100 / 1)

0 -

0 5 10 15 min