

Group G

G-01~G-08

G-01 Alanine COOH NH₂ OA-6000 Column:4.6mmI.D.×15cm Mobile phase: 1mmol/L copper(II) sulfate in water Flow rate:1.0mL/min Detector:UV254nm 4.75 D 9.02 L OA-6000 2.28 { D, L } OA-6100 2.23 { D, L } OA-5000 1.66 { L, D }	G-02 Valine COOH NH₂ OA-5000 Column:4.6mmI.D.×15cm Mobile phase:2mmol/L copper(II) sulfate in water/2-propanol (95:5) Flow rate:1.0mL/min Detector:UV254nm Injection:3μL (5mg/mL) 5.478 L 8.361 D 0 10 (min) OA-6100 7.55 { D, L } OA-6000 4.64 { D, L } OA-5000 1.71 { L, D } OA-5500 1.29 { L, D }
G-03 Leucine COOH NH₂ OA-6100 Column:4.6mmI.D.×15cm Mobile phase:2mmol/L copper(II) sulfate in water/acetonitrile (90:10) Flow rate:1.0mL/min Detector:UV254nm Injection:2μL (4mg/mL) 3.418 D 8.261 L 0 10 (min) OA-6100 3.40 { D, L } OA-6000 2.22 { D, L } OA-5000 1.57 { L, D } OA-5500 1.09 { L, D }	G-04 Proline COOH OA-5000 Column:4.6mmI.D.×15cm Mobile phase:2mmol/L copper(II) sulfate in water/2-propanol (95:5) Flow rate:1.0mL/min Detector:UV254nm Injection:5μL (2.5mg/mL) 3.461 L 7.728 D 0 10 (min) OA-5000 3.07 { L, D } OA-5500 1.22 { L, D } OA-6100 1.20
G-05 Serine COOH NH₂ OA-6100 Column:4.6mmI.D.×15cm Mobile phase: 1mmol/L copper(II) sulfate in water Flow rate:1.0mL/min Detector:UV254nm Injection:5μL (2mg/mL) 5.653 D 9.111 L 0 10 (min) OA-6100 1.82 { D, L } OA-6000 1.70 { D, L } OA-5500 1.19 { D, L } OA-5000 1.17 { L, D }	G-06 Lysine COOH NH₂ OA-6000 Column:4.6mmI.D.×15cm Mobile phase: 1mmol/L copper(II) sulfate in water Flow rate:1.0mL/min Detector:UV254nm 3.888 D 6.961 L 0 10 (min) OA-6100 4.03 { D, L } OA-6000 2.31 { D, L } OA-5000 1.83 { L, D }
G-07 Aspartic acid COOH NH₂ COOH OA-5000 Column:4.6mmI.D.×15cm Mobile phase:2mmol/L copper(II) sulfate in water/2-propanol (95:5) Flow rate:1.0mL/min Detector:UV254nm Injection:5μL (5mg/mL) 3.722 L 12.768 D OA-6000 1.68 { L, D } OA-5000 1.37 { L, D } OA-5500 1.11 { L, D }	G-08 Glutamine COOH NH₂ OA-6100 Column:4.6mmI.D.×15cm Mobile phase:2mmol/L copper(II) sulfate in water/acetonitrile (98:2) Flow rate:1.0mL/min Detector:UV254nm Injection:2μL (4mg/mL) 3.252 D 7.857 L OA-6100 3.04 { D, L } OA-6000 2.81 { D, L } OA-5000 1.71 { L, D }