



|    |                                |    |                               |    |                             |
|----|--------------------------------|----|-------------------------------|----|-----------------------------|
| 1  | Aspartic acid(Asn)<br>0.6 pmol | 2  | Gltamic acid(Gln)<br>0.6 pmol | 3  | Serine(Ser)<br>0.6 pmol     |
| 4  | Glycine (Gly)<br>0.6 pmol      | 5  | Histidine(His)<br>0.6 pmol    | 6  | Threonine(Thr)<br>0.6 pmol  |
| 7  | Alanine(Ala)<br>0.6 pmol       | 8  | Arginine(Arg)<br>0.6 pmol     | 9  | Proline(Pro)<br>0.6 pmol    |
| 10 | Valine(Val)<br>0.6 pmol        | 11 | Cystine(Cys-Cys)<br>0.6 pmol  | 12 | Methionine(Met)<br>0.6 pmol |
| 13 | Ammonium chloride<br>0.6 pmol  | 14 | Leucine(Leu)<br>0.6 pmol      | 15 | Isoleucine(Ile)<br>0.6 pmol |
| 16 | Phenylalanine(Phe)<br>0.6 pmol | 17 | Lysine(Lys)<br>0.6 pmol       | 18 | Tyrosine(Tyr)<br>0.6 pmol   |

HPLC Conditions

Column CAPCELL PAK C<sub>18</sub> MG S5 : 1.5 mm i.d.×150 mm

Mobile phase (A) 10mmol/L Citrate buffer, 75mmol/L NaClO<sub>4</sub>  
 (B) H<sub>2</sub>O / CH<sub>3</sub>CN = 50 / 50  
 B 5% (0min) - 37% (40min) - 38% (52min) - 100% (60min) - 100% (65min) Gradient

|             |                           |
|-------------|---------------------------|
| Flow rate   | 100 $\mu$ L/min           |
| Temperature | 40 $^{\circ}$ C           |
| Detect      | FL Ex. 480 nm, Em. 530 nm |
| Inj. vol.   | 1 $\mu$ L                 |