

## SPECIFICATION

## Amino Acids Mixture Standard Solution, Type AN (High Range)

for Amino Acid Automated Analysis

| REQUIREMENT               | SPECIFICATION          |
|---------------------------|------------------------|
| Appearance                | Colorless clear liquid |
| O-Phospho-L-serine        | 1.19~1.31 $\mu$ mol/mL |
| Taurine                   | 1.19~1.31 $\mu$ mol/mL |
| O-Phosphoethanolamine     | 1.19~1.31 $\mu$ mol/mL |
| Urea                      | 47.5~52.5 $\mu$ mol/mL |
| L-Aspartic Acid           | 2.38~2.62 $\mu$ mol/mL |
| L-Threonine               | 2.38~2.62 $\mu$ mol/mL |
| L-Serine                  | 2.38~2.62 $\mu$ mol/mL |
| L-Glutamic Acid           | 2.38~2.62 $\mu$ mol/mL |
| Sarcosine                 | 5.94~6.56 $\mu$ mol/mL |
| Glycine                   | 2.38~2.62 $\mu$ mol/mL |
| L-Alanine                 | 2.38~2.62 $\mu$ mol/mL |
| L-Citrulline              | 2.38~2.62 $\mu$ mol/mL |
| DL-2-Aminobutyric Acid    | 1.19~1.31 $\mu$ mol/mL |
| L-Valine                  | 2.38~2.62 $\mu$ mol/mL |
| L-Cystine                 | 2.38~2.62 $\mu$ mol/mL |
| L-Methionine              | 2.38~2.62 $\mu$ mol/mL |
| L-Cystathionine           | 1.19~1.31 $\mu$ mol/mL |
| L-Isoleucine              | 2.38~2.62 $\mu$ mol/mL |
| L-Leucine                 | 2.38~2.62 $\mu$ mol/mL |
| L-Tyrosine                | 2.38~2.62 $\mu$ mol/mL |
| L-Phenylalanine           | 2.38~2.62 $\mu$ mol/mL |
| $\beta$ -Alanine          | 2.38~2.62 $\mu$ mol/mL |
| DL-3-Aminoisobutyric Acid | 2.38~2.62 $\mu$ mol/mL |
| L-Hydroxyproline          | 2.38~2.62 $\mu$ mol/mL |
| L-Proline                 | 2.38~2.62 $\mu$ mol/mL |