

Physiological Standard, 2.5mM, 40 Amino Acids



- ISO guide 34 reference material*
- Each sub-component individually tested**
- Allows accurate and reproducible quantitative and qualitative analysis
- Ideal for calibrating amino acid analysers and LC post-column systems
- Supplied in 5mL screw cap glass vial in 0.1N hydrochloric acid along with Certificate of Analysis
- Store refrigerated (2°C to 8°C)

*This ISO Guide 34 Reference Material (RM) is manufactured and verified in accordance with an ISO 9001 registered quality system. The analyte concentrations are verified by a quality control laboratory and the true value and uncertainty values at the 95% confidence level are reported for each analyte.

**Testing by ion-exchange chromatography with ninhydrin detection, in accordance with *Ph. Eur.* Supplement 8.3 to 8th Edition, Council of Europe, EQDM.

ANALYTES

| | |
|------------------------|------------------------|
| Phosphoserine | Isoleucine |
| Taurine | Leucine |
| Phosphoethanolamine | Tyrosine |
| Urea | β-Alanine |
| Aspartic acid | Phenylalanine |
| Hydroxyproline | Homocystine |
| Threonine | β-Aminoisobutyric acid |
| Serine | γ-Amino-n-butyric acid |
| Asparagine | Ethanolamine |
| Glutamic acid | Ammonia |
| Sarcosine | DL-5-Hydroxylysine |
| α-Amino adipic acid | Ornithine |
| Proline | Lysine |
| Glycine | 1-Methylhistidine |
| Alanine | Histidine |
| Citrulline | Tryptophan |
| α-Amino-n-butyric acid | 3-Methylhistidine |
| Valine | Anserine |
| Cystine | Carnosine |
| Methionine | Arginine |
| allo-Isoleucine | |

ORDERING INFORMATION

| Order Code | Item Description | Vol. |
|------------|------------------------|------|
| 80-6002-80 | Physiological Standard | 5 mL |

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