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## Product Information

### AMINO ACID STANDARD SOLUTION

Product No. **A 6407**

#### Product Description

Physiological: Acidics and Neutrals for calibrating amino acid analyzers

Amino acids and related compounds are in 0.1 N HCl at the indicated concentrations  $\pm 4\%$ . Molecular weights are listed to four significant figures.

Component	Mol. Wt.	$\mu\text{mol/mL}$
$\beta$ -Alanine	89.09	2.5
L-Alanine	89.09	2.5
L- $\alpha$ -Aminoadipic Acid	161.2	2.5
L- $\alpha$ -Amino-n-butyric Acid	103.1	2.5
D,L- $\beta$ -Aminoisobutyric Acid	103.1	2.5
L-Asparagine	132.1	2.5
L-Aspartic Acid	133.1	2.5
L-Citrulline	175.2	2.5
Cystathionine*	222.3	2.5
L-Cystine	240.3	1.25
L-Glutamic Acid	147.1	2.5
Glycine	75.07	2.5
Hydroxy-L-proline	131.1	2.5
L-Isoleucine	131.2	2.5
L-Leucine	131.2	2.5
L-Methionine	149.2	2.5
L-Phenylalanine	165.2	2.5

O-Phospho-L-serine	185.1	2.5
O-Phosphoethanolamine	141.4	2.5
L-Proline	115.4	2.5
L-Sarcosine	89.09	2.5
L-Serine	105.1	2.5
Taurine	125.1	2.5
L-Threonine	119.1	2.5
L-Tyrosine	181.2	2.5
Urea	60.06	2.5
L-Valine	117.2	2.5

#### Storage

Store at 2–8 °C

For laboratory use only. Not for drug, household or other uses.

\*Under certain chromatographic conditions the cystathionine will be separated into two closely eluting peaks, believed to be a mixture of L(+) and L(-) allocystathionine. The profile of cystathionine (Product No. C3633) should be determined for your system.

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