Calibration Standards for Amino Acid Analysis

As part of a complete product range (systems, columns, reagents, methods)
for post column derivatization of amino acids the following calibration standards are available:

CALIBRATION STANDARDS	
P/N	**Description**
011006P	Native Sample Standard, in 0.2 N Lithium citrate buffer pH 2.36, 5 mL
012006P	Native Sample Standard, in 0.2 N Lithium citrate buffer pH 2.36, 5 mL
1700-0150	Native Sample Standard for rapid-screen for PKU and MSUD, in 0.2 N Lithium citrate buffer pH 2.36, 5 mL
012506C	Collagen Hydrolysate Standard, in 0.2 N Sodium citrate buffer pH 2.20, 5 mL
012506H	Protein Hydrolysate Standard, in 0.2 N Sodium citrate buffer pH 2.20, 5 mL
1700-0155	Oxidized Feed Hydrolysate Standard, in 0.2 N Sodium citrate buffer pH 2.20, 5 mL
1700-0070	Amino Acid Test Mixture, in 0.01 N HCl, 1.5 mL
1700-0170	Native Sample Standard, in 0.2 N Lithium citrate buffer pH 2.36, 5mL
1700-0175	Native Sample Standard, basics, in 0.1 N HCl, 5mL
1700-0180	Native Sample Standard, acidics and neutrals, in 0.1 N HCl, 5mL

Concrete compositions are listed at page 2.

Are you looking for a costumized calibration standard according to your special needs
or further information about amino acid analysis? Please contact us.

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Calibration Standards for Amino Acid Analysis (Compositions)

CALIBRATION STANDARDS FOR AMINO ACID ANALYSIS									
CONSTITUENTS	1700-0180*	1700-0175*	011006P	012006P	1700-0150	012506C	012506H	1700-0155	1700-0170
Beta-Alanine	•		•	•					•
Alanine	•		•	•		•	•	•	•
D,L-a-Amino-adipic acid	•		•	•					•
Gamma-Amino butyric acid		•	•	•					•
Alpha-Amino-n-butyric acid	•		•	•					•
D,L,b-Amino-i-butyric acid	•		•	•					•
Alpha-Amino-Beta-guanidinopropionic acid			•	•					
Ammonia		•	•	•		•	•	•	•
Anserine		•	•	•					•
Arginine		•	•	•		•	•	•	•
Asparagine	•		•	•					•
Aspartic acid	•		•	•		•	•	•	•
Carnosine		•	•	•					•
Citrulline	•		•	•					•
Creatinine		•	•	•					•
Cystathionine	•		•	•					•
Cystine	• (1.25)		•	•		•	•		•
Cysteic acid								•	
Ethanolamine		•	•	•					•
Glutamic acid	•		•	•		•	•	•	•
Glycine	•		•	•		•	•	•	•
Histidine		•	•	•		•	•	•	•
D,L-Homocystine		•	•	•					•
L,L & allo-Hydroxylysine		•	•	•		•			•
4-trans-L-Hydroxyproline	•		•	•		• (1.25)			•
Isoleucine	•		•	•	•	•	•	•	•
Leucine	•		•	•	•	•	•	•	•
Lysine		•	•	•		•	•	•	•
Methionine	•		•	•	•	•	•		•
Methionine-D,L-sulfoxide						•			
Methionine-D,L-sulfone								•	
1-Methyl-histidine		•	•	•					•
3-Methyl-histidine		•	•	•					•
Norleucine			•						
Ornithine		•	•	•					•
Phenylalanine	•		•	•	•	•	•	•	•
Phosphoethanolamine	•		•	•					•
Phosphoserine	•		•	•					•
Proline	•		•	•		• (1.25)	•	•	•
Sarcosine	•		•	•					•
Serine	•		•	•		•	•	•	•
Taurine	•		•	•					•
Threonine	•		•	•		•	•	•	•
Tryptophan		•	•	•			•		•
Tyrosine	•		•	•	•	•	•		•
Urea	•		•	•					•
Valine	•		•	•		•	•	•	•

NOTE: Concentration of all the constituents in the Amino Acid standards is 0.25 µmole/mL unless otherwise specified.
*Concentration of all the constituents is 2.5 µmole/mL unless otherwise specified

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