

Product Information

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Amino Acid Standards physiological, basics

Catalog Number **A6282**
Storage Temperature 2–8 °C

Product Description

This solution contains physiological, basic amino acids and related compounds for calibration of amino acid analyzers.

Storage/Stability

Store the solution at 2–8 °C.

NA,CMH,DAA,MAM 11/07-1

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Components

Amino acids and related compounds are at 2.5 µmoles/ml ±4% in 0.1 N HCl. Molecular weights are listed to four significant figures.

Amino Acid	Molecular Weight
γ-Amino-n-butyric Acid	103.1
Ammonium Chloride	53.49
L-Anserine	240.3
L-Arginine	174.2
L-Carnosine	226.2
Creatinine	113.1
Ethanolamine	61.08
L-Histidine	155.2
L-Homocystine	268.3
δ-DL-Hydroxylysine	162.2
L-Lysine	146.2
1-Methyl-L-histidine	169.2
3-Methyl-L-histidine	169.2
L-Ornithine	132.2
L-Tryptophan	204.2

L-Tryptophan decomposes slowly in acidic solution. Actual concentration may be less than 2.5 µmoles/ml.

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