



CALIBRATION STANDARD Specifications & Handling Information

Catalog No. 1700-0175 (5 x 1 mL)

Description: Amino Acid Standard (Basics) in 0.1 N Hydrochloric Acid

▪ USAGE

The Calibration Standard, which is intended to be used to establish relative retention times and response factors, may be diluted to the desired concentration with Pickering's Lithium Sample Diluent (Catalog No. Li220). Each mL of solution contains 2.5 μmol of each component in 0.1 N Hydrochloric Acid.

▪ STORAGE

Although they are stored frozen at the factory, Pickering's calibration standards remain stable when shipped at ambient temperatures. Upon receipt, it is best to place them into a freezer immediately (at least -4°C), and store until ready for use. Thaw one ampule at a time and keep the thawed portion in a refrigerator (ca. 4°C). Before opening ampule, allow standard to reach room temperature to avoid condensation and possible contamination.

▪ CONSTITUENTS

γ -Amino butyric Acid
Ammonia
L-Anserine
L-Arginine
L-Carnosine
Creatinine
Ethanolamine
L-Histidine
D,L-Homocystine
D,L & allo-Hydroxylysine
L-Lysine
L-1-Methylhistidine
L-3-Methylhistidine
L-Ornithine
L-Tryptophan