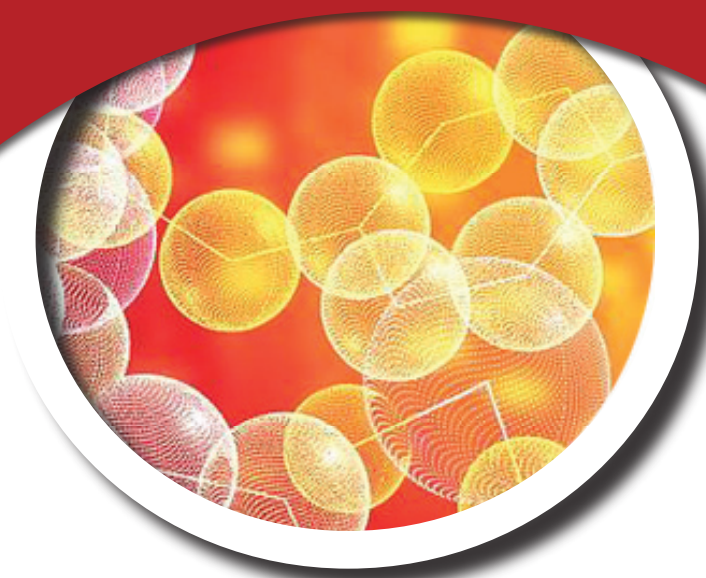


NOW AVAILABLE

99% Enriched Amino Acids for Proteomic Applications



CIL, the world leader in the production of high quality stable isotope labeled amino acids, is pleased to announce the availability of 99% enriched L-Arginine and L-Lysine. These materials represent the highest isotopically enriched amino acids that are commercially available.

Higher enrichments provide improved accuracy in quantitative MS-based proteomic applications. These amino acids are used in metabolic labeling of organisms and animals for global quantitative proteomic analysis using mass spectrometry.

L-Arginine: HCL (U-¹³C₆, 99%) **CLM-2265-H**

L-Arginine: HCL (U-¹³C₆, 99%; ¹⁵N₄, 99%) **CNLM-539-H**

L-Lysine: 2HCL (U-¹³C₆, 99%) **CLM-2247-H**

L-Lysine: 2HCL (U-¹³C₆, 99%; ¹⁵N₂, 99%) **CNLM-291-H**

“Using highly enriched materials decreases the amount of unlabeled analog introduced into the mass spectrometer. As a result, using 99% enriched amino acids will increase the accuracy and useful dynamic range for MS-based quantitative proteomic methods compared to using amino acids with lower enrichments.”

Michael Burgess
Senior Biochemist
Broad Institute
Cambridge, MA