UNMC Protein Structure Core Facility
AMINO ACID ANALYSIS SAMPLE INFORMATION FORM
Patrons outside the University of Nebraska System

Principal Investigator ___________________________________ Phone __________________________

Person to contact in laboratory __________________________ Phone __________________________

Address for Reports ___________________________________ Billing Address ______________________

________________________________________________________________________________________

Report email __________________________ Billing email ________________________________

Purchase Order Number ________________________________________________________________

Sample ID on container: ___________________________ Run 1X, 2X or in triplicate? ____________

Identification of sample (organism, source) ________________________________________________

Estimated amount ___________________________ Method of analysis __________________________

Molecular weight ___________________________ Unusual amino acids present? ________________

Buffers and contaminants present _______________________________________________________

Sample ID on container: ___________________________ Run 1X, 2X or in triplicate? ____________

Identification of sample (organism, source) ________________________________________________

Estimated amount ___________________________ Method of analysis __________________________

Molecular weight ___________________________ Unusual amino acids present? ________________

Buffers and contaminants present _______________________________________________________

Special Instructions ________________________________________________________________

Samples are hydrolyzed (6N HC1/20 hours). Because of the chemistry involved, nucleophilic salts (e.g., TRIS) must be excluded and other nonvolatile solutes may interfere with the derivatization and/or the analysis. Please list the possible contaminants in your preparation. The method used destroys tryptophan and has a low accuracy for cysteine. Asparagine and glutamine are converted to aspartate and glutamine. These amino acids are reported as ASX and GLX.

Fee Schedule

- Charge per sample: $140
- Charge for replicates: $40
- Blank: No charge
- Quantitation of amino acids other than the 17 usually reported: check with PSCF staff

Credit Card transactions are subject to a 2.75% banking surcharge.

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