UNMC Protein Structure Core Facility
AMINO ACID ANALYSIS SAMPLE INFORMATION FORM

Principal Investigator __________________________ Phone __________________________

Person to contact in laboratory __________________________ Phone __________________________

Name for Reports __________________________ Name for Billing ATTN __________________________

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Report email __________________________ Billing email __________________________

Cost Center (WBS) __________________________

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 HCl/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: $100
- Charge for replicates: $20
- Blank: No charge
- Quantitation of amino acids other than the 17 usually reported: check with PSCF staff