

W.M. Keck Foundation

Amino Acid Analysis Website Navigation – 2/21/2007

- Services
 - HCl hydrolysis and analysis (AAA)
 - Cysteine quantitation (PAO)
 - Tryptophan quantitation (MSA)
 - “Free” amino acids
 - Hydrolysis without analysis

- Project Types
 - Ug protein/peptide (for concentration) with predicted amino acid composition
 - % protein/peptide in a lyophilized powder
 - Protein ratios in a complex
 - % seleno-methionine (SeMet) incorporation
 - Other unusual/derivatized amino acid quantitation or incorporation
 - Residual protein in food oils
 - “Free” amino acids in cell media or as background in protein samples

- Sample Preparation
 - Solution
 - Salt tolerance
 - Buffer components that interfere with amino acids
 - Gel
 - PVDF
 - Insoluble proteins (silk, hair, collagen, etc.)
 - Proteins extracted from oils

- Pricing

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 - Hitachi L-8900
 - Beckman 7300
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