

# LAB REPORT: AMINO ASSAYS

## 1. Title

Quantitative and Qualitative Analysis of Amino Acids in Biological Samples

## 2. Objective

To determine the concentration and profile of amino acids in biological samples using colorimetric analysis.

## 3. Introduction

Amino acid assays are essential for analyzing protein quality, nutritional value, and metabolic pathways.

## 6. Results

Representative Amino Acid Profile of Sample

Glutamic Acid: 2.8 mg/g

Aspartic Acid: 1.9 mg/g

Lysine: 1.2 mg/g

Methionine: 0.6 mg/g

Valine: 1.1 mg/g

Leucine: 1.5 mg/g