

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 a

3. Introduction

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

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