Figure 6

The figure shows a Lineweaver-Burk plot for the activity of an enzyme. The x-axis represents the reciprocal of the substrate concentration (1/[S] (1/M)), and the y-axis represents the reciprocal of the initial velocity (1/V (ΔO.D./min)) in millimeters per minute. Three different concentrations of the substrate are tested: 0.00 mg/ml, 0.05 mg/ml, and 0.50 mg/ml. The data points are plotted with error bars, indicating the variability in the measurements.