

Figure 1 is a plot showing the temperature dependence of the heat capacity (C_p) for the amaine series. The x-axis represents Temperature (K) from 4 to 18, and the y-axis represents C_p (J/mol·K) from 0 to 100. The plot displays solid lines for experimental data and dotted lines for calculated data for amaine10 through amaine18. The curves show a sharp increase in C_p around 10-12 K, indicating a phase transition.