New Phase Formation of Dimyristoylphosphatidylglycerol Bilayer-Assembly with Sodium or Ammonium Ions: Gelation Phenomena in the Lamellar Liquid Crystals Aged in Water

DSC charts for NH₄DMPG dispersions: During 2-week aging, endothermic peaks at $T_m$ (23.5 °C) shifted to higher temperatures, and reached a temperature of $T_l$ (44.0 °C), indicating an isothermal transformation of the lamellar phases of NH₄DMPG dispersions into a new gel phase (Gel-2) irrespective of aging temperatures (15 °C, 25 °C, 40 °C).