1 Supporting Data for “Investigations of Clustering of Ions and Diffusivity in Concentrated Aqueous Solutions of Lithium Chloride by Molecular Dynamic Simulation”

2 RDF plots other than 5.9 M concentration solution of LiCl are shown below.

4 Figure 1. RDF Plot for 0.22 M concentration of LiCl solution
Figure 2. RDF Plot for 0.346 M concentration of LiCl solution
Figure 3. RDF Plot for 1.268 M concentration of LiCl solution
Figure 4. RDF Plot for 3.364 M concentration of LiCl solution
Figure 5. RDF Plot for 5.90 M concentration of LiCl solution

![RDF Plot for 5.90 M concentration of LiCl solution](image)
Figure 6. RDF Plot for 7.01 M concentration of LiCl solution
Figure 7. RDF Plot for 8.01 M concentration of LiCl solution
Figure 8. RDF Plot for 12.03 M concentration of LiCl solution
Figure 9. RDF Plot for 15.73 M concentration of LiCl solution
Figure 10. RDF Plot for 16.86 M concentration of LiCl solution
Figure 11. RDF Plot for 17.89 M concentration of LiCl solution
Figure 12. RDF Plot for 19.28 M concentration of LiCl solution
Figure 13. The quantitative comparison of RDF plots from experimental data, Aragones simulation and current work, a plot of peak height versus concentration.