Folder name, **Data arranged in Excel** contains excel files Graph data from paper, #46 new electrode, Regeneration, Biionic potential, Activity which are explained below.

Graph data from paper 🡪 All the data plotted in origin which will reproduce the figures in the paper. Arranged according to the figure numbers used in the paper.

#46 new electrode 🡪 It contains membrane potential data for different salts. The 1st two columns generally are the concentrations of low and high concentration side reservoirs. M1, M2, M3 are the sets of membrane potential experiments. Membrane potential in these 3 columns is in Volts. Column name Avg is the average value of the 3 potentials.

Regeneration 🡪 This shows the membrane potential values for KCl after MgCl2 and after regeneration with KCl.

Biionic potential 🡪 This shows the bi-ionic membrane potential values for different salt pairs. M1, M2, M3 are 3 measurement sets of membrane potential in Volt.

Activity 🡪 This gives the activity coefficient of different ions.

This folder also contains all the Matlab files, Origin files, Figures and Raw files used in the paper.