

# Routine, ensemble characterisation of electrophoretic mobility in high and saturated ionic dispersions

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## **Supplementary material 1**

Raw data, statistical outlier analysis and boxplots for Figure 3

## **Supplementary material 2**

Normality tests and Mann-Whitney test for figure 3

## **Supplementary material 3**

Standard operating procedures for the ZS Explorer software for the Zetasizer Ultra (available on request) for KCl, MgCl<sub>2</sub>, NaCl, NaNO<sub>3</sub>. Data for NaAC and NaCO<sub>3</sub> were recorded using the NaCl SOP, but with the sample name changed accordingly.

## **Supplementary material 4**

Frequency to size estimate for figure 2