

## Water Content in H<sub>2</sub>O

Concentration of salt	void water $\Phi_{\text{void}}$ (%)	swell water $\Phi_{\text{swell}}$ (%)	total water $\Phi_{\text{total}}$ (%)
<b>0.25 M NaF</b>	10.6 ± 0.3	26.0 ± 0.8	36.6 ± 0.5
<b>0.5 M NaF</b>	13.2 ± 0.4	38.3 ± 1.0	51.5 ± 0.6
<b>0.1 M NaCl</b>	9.1 ± 0.4	36.2 ± 0.8	45.3 ± 0.5
<b>0.25 M NaCl</b>	7.2 ± 0.7	42.6 ± 1.3	49.8 ± 0.8
<b>0.5 M NaCl</b>	2.7 ± 0.2	53.8 ± 1.3	56.5 ± 1.2
<b>0.1 M NaBr</b>	4.2 ± 0.6	42.1 ± 1.9	46.3 ± 2.1
<b>0.25 M NaBr</b>	2.8 ± 0.2	61.2 ± 1.4	64.0 ± 1.3

## Water Content in D<sub>2</sub>O

Concentration of salt	void water $\Phi_{\text{void}}$ (%)	swell water $\Phi_{\text{swell}}$ (%)	total water $\Phi_{\text{total}}$ (%)
<b>0.25 M NaF</b>	12.6 ± 0.3	26.1 ± 0.8	38.7 ± 3.2
<b>0.5 M NaF</b>	13.3 ± 0.4	38.5 ± 1.0	51.8 ± 0.7
<b>0.1 M NaCl</b>	7.4 ± 0.4	35.8 ± 0.9	43.2 ± 0.5
<b>0.25 M NaCl</b>	7.1 ± 0.7	42.7 ± 1.0	49.8 ± 0.8
<b>0.5 M NaCl</b>	2.8 ± 0.2	56.6 ± 1.1	59.4 ± 1.2
<b>0.1 M NaBr</b>	5.0 ± 0.6	39.2 ± 1.3	44.2 ± 1.8
<b>0.25 M NaBr</b>	3.1 ± 0.4	58.5 ± 2.0	61.6 ± 2.5