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SD values of **Figure 3** and **Figure 4**

Figure	Conditions	Ca	Mg	Al	Si
Figure 3	70 ℃	0.938820272	2.229795667	2.748760995	1.656740911
	90 ℃	3.364694437	1.085470397	2.947235054	1.58659245
	100 ℃	0.710810298	1.550891347	2.847256804	0.155221722
Figure 4	30 g/L	1.208764489	1.911428478	0.702803838	0.717278031
	40 g/L	1.14844193	2.544420892	1.493131398	0.734809202
	50 g/L	3.039995719	4.051828021	0.742642213	3.416882432
	60 g/L	1.61100632	2.223328587	2.209444212	2.056490152
	70 g/L	2.109570661	1.270323829	2.612107925	1.045487838

SD values of **Figure 8(b)** and **Figure 9(b)**

Figure	cycles	1	2	3	4	5	6	7	8	9	10
Figure 8(b)	SD values	**0.06429**	**0.09615**	**0.12476**	**0.14713**	**0.13047**	**0.13084**	**0.12148**	**0.12493**	**0.11962**	**0.13487**
	cycles	11	12	13	14	15	16	17	18	19	20
	SD values	**0.09054**	**0.10228**	**0.12741**	**0.13607**	**0.1235**	**0.13801**	**0.14528**	**0.13**	**0.16622**	**0.16922**
Figure 9(b)	cycles	1	2	3	4	5	6	7	8	9	10
	SD values	**0.03055**	**0.02517**	**0.03**	**0.06028**	**0.07**	**0.05774**	**0.06083**	**0.05508**	**0.04933**	**0.09849**
	cycles	11	12	13	14	15	16	17	18	19	20
	SD values	**0.10214**	**0.09539**	**0.09539**	**0.12166**	**0.1193**	**0.11846**	**0.11719**	**0.1115**	**0.09292**	**0.08888**