Supplementary Material

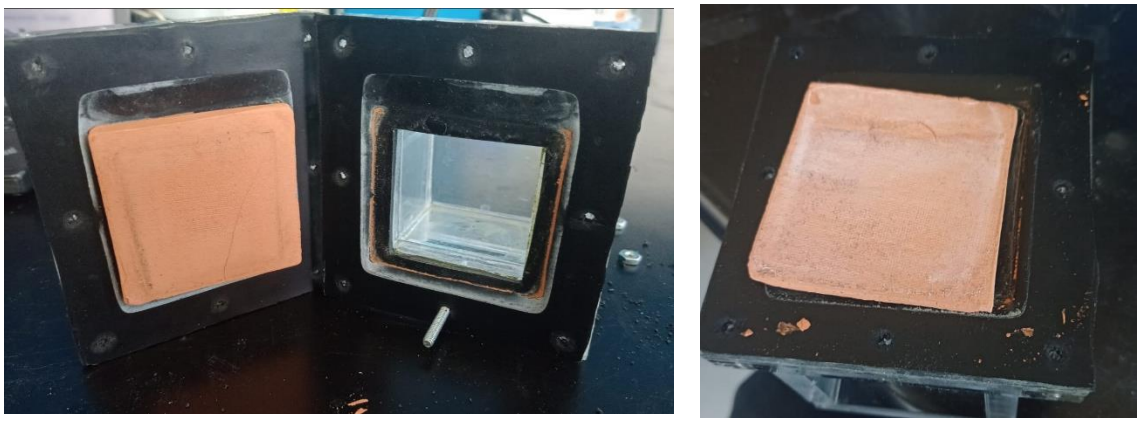

Figure S1 Ceramic membranes after being used

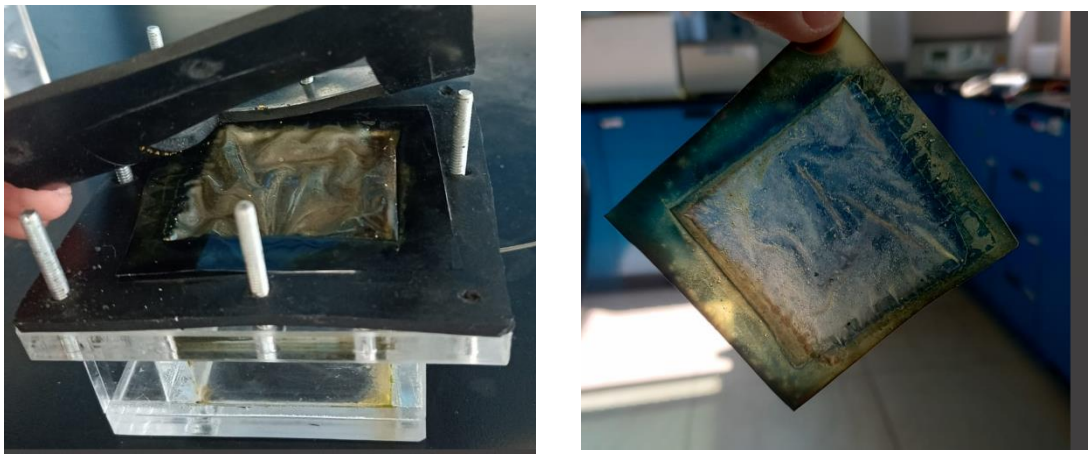

Figure S2 Nafion membranes after being used

Supplementary Table 1 Water absorption (%)

	Ceramic membranes			
	A-Z	**R-4**	**B-S**	**B-C**

% water absorption	28	22	22	20