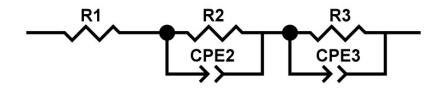
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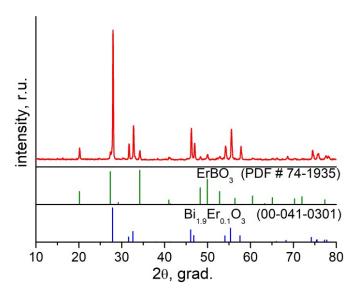
## High Performance IT-EOG Cell Based on Solid/Molten Bi<sub>2</sub>O<sub>3</sub> - B<sub>2</sub>O<sub>3</sub> Composite Electrolyte

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**Figure 1S.** An equivalent circuit including resistors *R1*, *R2*, and *R3* and constant phase elements *CPE2* and *CPE3*.



**Figure 2S.** XRD pattern of  $5Bi_{1.6}Er_{0.4}O_3 + B_2O_3$  powder mixture after heat treatment at 740 °C for 10 h.