

Supplement

**High quality CaF<sub>2</sub> from a new ALD process: Enabling new approaches in battery technology and optical applications**

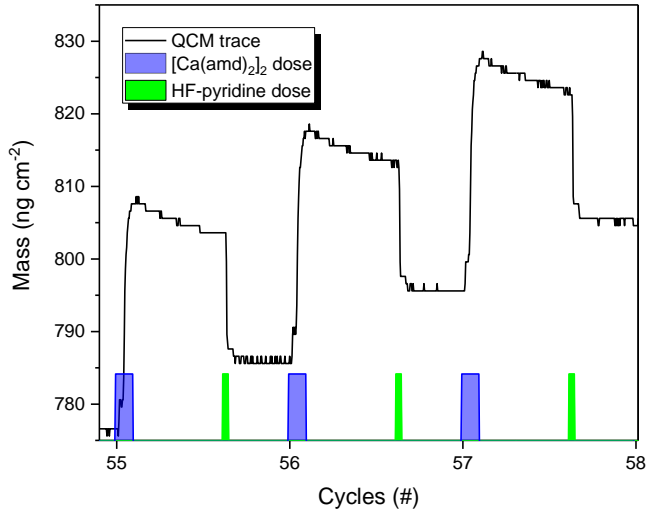


Figure 1: QCM response during the growth of high quality CaF<sub>2</sub>

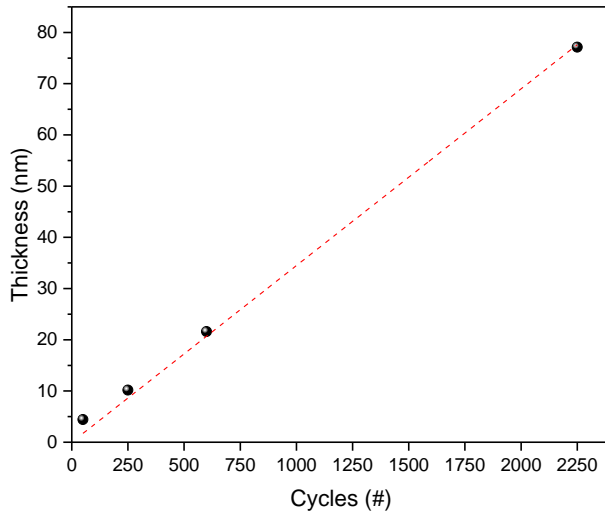


Figure 2: Thickness of CaF<sub>2</sub> thin films vs. applied number of cycles. The dashed line serves to guide the eye.