

Supplementary information for the article:

Milović Miloš, Vujković Milica, Jugović Dragana, Mitrić Miodrag, "Electrochemical and structural study on cycling performance of γ -LiV₂O₅ cathode" *Ceramics International*, 47, no. 12 (2021):17077-17083, <https://doi.org/10.1016/j.ceramint.2021.03.016>



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Supplementary

1. PSD analysis

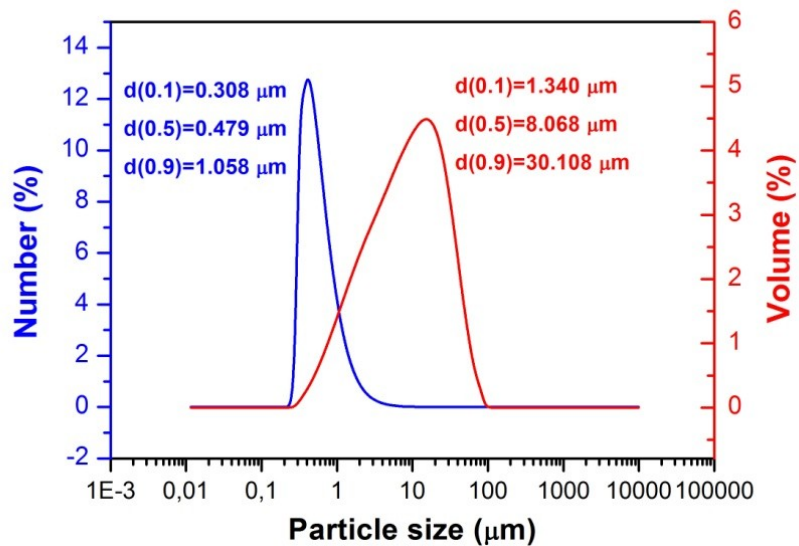


Figure S1. Particle size distribution by number (blue) and by volume (red) of the as prepared powder of LiV₂O₅.

$$\text{Span} = \{d(0.9)-d(0.1)\}/d(0.5),$$

$$\text{Span}^{\text{num}} = 1.566,$$

$$\text{Span}^{\text{vol}} = 3.566.$$

2. Ex-situ X-ray diffraction analysis

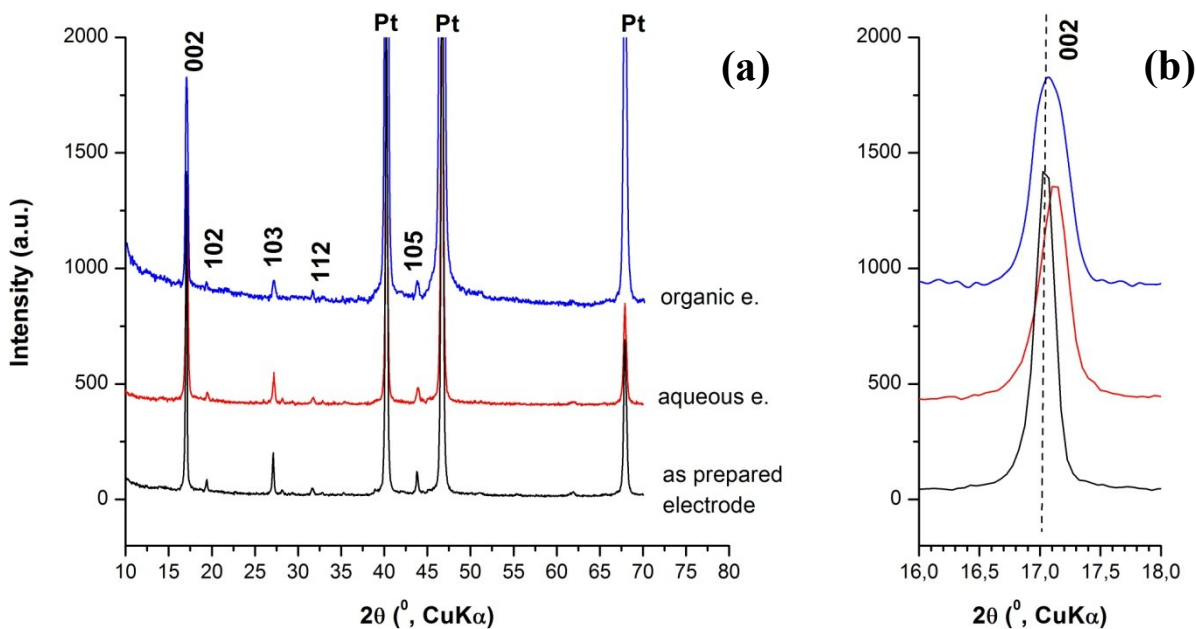


Figure S2. XRD patterns of the as prepared electrode before cycling (black line) and of electrodes in discharged state after cycling in aqueous (red) and in organic electrolyte (blue); a: whole pattern, b: 002 reflection.