

**Catalytic activity of $\text{MoO}_3\text{:V}_2\text{O}_5$ mixed oxides towards oxidation reactions:
the nature of catalytic centers**

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The electron microscopy investigations (Figure S1) have evidenced that $\text{MoO}_3\text{:V}_2\text{O}_5$ mixed oxides used as the catalysts have a layered structure.

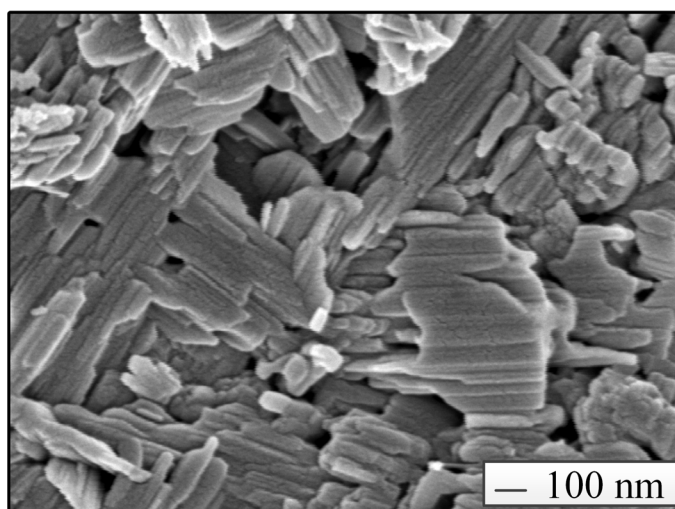


Figure S1. The SEM image of $x\text{MoO}_3\text{:}(1-x)\text{V}_2\text{O}_5$ ($x=0.25$) mixed oxide¹.

¹ The scanning electron microscope LEO 1455 VP (Carl Zeiss) was used