



**Short Communication**

**Comparative Study of Catalytic Activity of Ferrites  
and Commercial Fe-Mo Catalyst**

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**ABSTRACT**

*The comparison of catalytic activity of ferrites with that of commercial Fe-Mo catalyst (New and Re-palletized) has been studied at different temperatures and timings using hydrogen peroxide which undergoes decomposition. It has been observed that at low temperatures there is a difference in activities of catalysts but as we increase the temperature the difference in the activities between new and re-palletized catalyst decreases to a large extent. The order of Catalytic activity at 343 K is New Catalyst > Re-palletized Catalyst > Ferrite Catalyst.*

**Keywords:** Spinel ferrites, Ferro-Molybdenum Catalyst, Catalytic studies, H<sub>2</sub>O<sub>2</sub> Decomposition.

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