

Fig.1: The Temperature Window at Which the Ni(acac)₂ is Selectively Deposited on MoO₃/γ-Al₂O₃ but not on γ-Al₂O₃

FTIR Spectra of MoO₃/γ-Al₂O₃ and the One after Adsorption of Ni(acac)₂

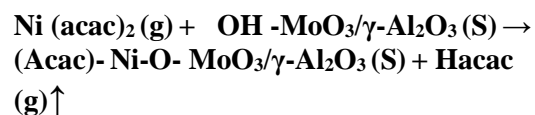
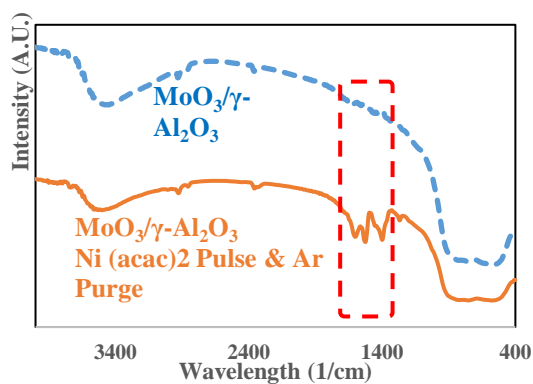


Fig.2: Ni ALD on MoO₃/γ-Al₂O₃ and Proposed Mechanism for Formation of (Acac)- Ni-O- MoO₃/γ-Al₂O₃ Species

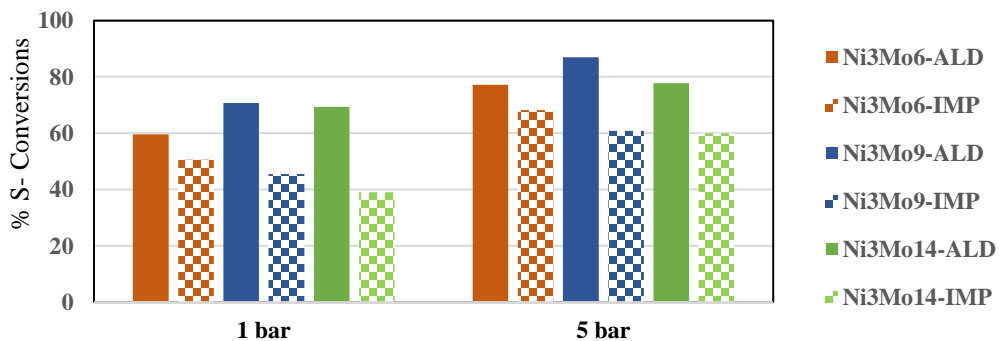


Fig.3: S-Removal Efficiency of DBT at 300 °C