**NGHIÊN CỨU HẤP PHỤ Cr(VI) TRONG DUNG DỊCH NƯỚC BẰNG CHẤT XÚC TÁC THẢI FCC TỪ NHÀ MÁY LỌC DẦU DUNG QUẤT**

**STUDY ON THE ADSORPTION OF Cr(VI) IN SOLUTION BY SPENT FLUIDIZED CRACKING CATALYST FCC OF DUNG QUAT**

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**SUMMARY**

*Spent fluidized cracking catalyst (FCC) from the Dung Quat oil refinery was activated by HCl and used for Cr(VI) – adsorption. The product was characterized by XRD, SEM and IR. The Cr (VI) in aqueous solution was adsorped optimally at a pH of 6.4.. Maximum adsorption capacity of Cr(VI) by FCC followed equation of isothermal Langmuir is 1,842 (mg/g).*

**Keywords**: Adsorption, Cr(VI), FCC.