

Sonocatalytic oxidative desulfurization of diesel oil by novel BiVO₄/FeMn LDH nanocomposite

Asmaa. A. Abdelrahman^a, Doaa. I. Osman^b, Abdelrahman M. Rabie^{c,*}, Heba M. Salem^{a*}

^a Refining Department, Egyptian Petroleum Research Institute, Nasr City, 11727, Egypt.

^b Analysis and Evaluation Department, Egyptian Petroleum Research Institute, Nasr City, 11727, Egypt

^c Petrochemicals Department, Egyptian Petroleum Research Institute, Nasr City, 11727, Egypt

*Corresponding author. (Abdelrahman M. Rabie): abdo3040@yahoo.com

(Heba M. Salem): hebasalem84@yahoo.com

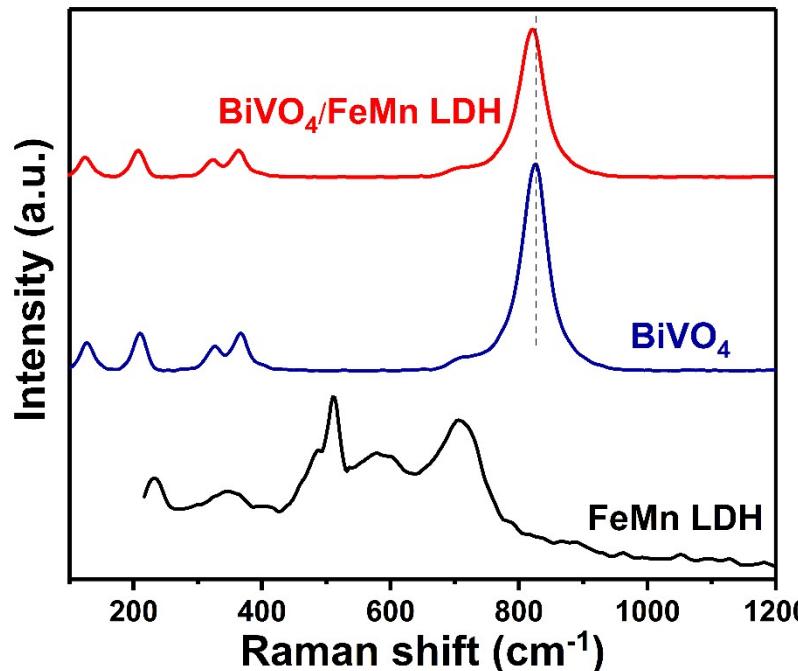


Fig. S1. Raman spectroscopy of the prepared materials

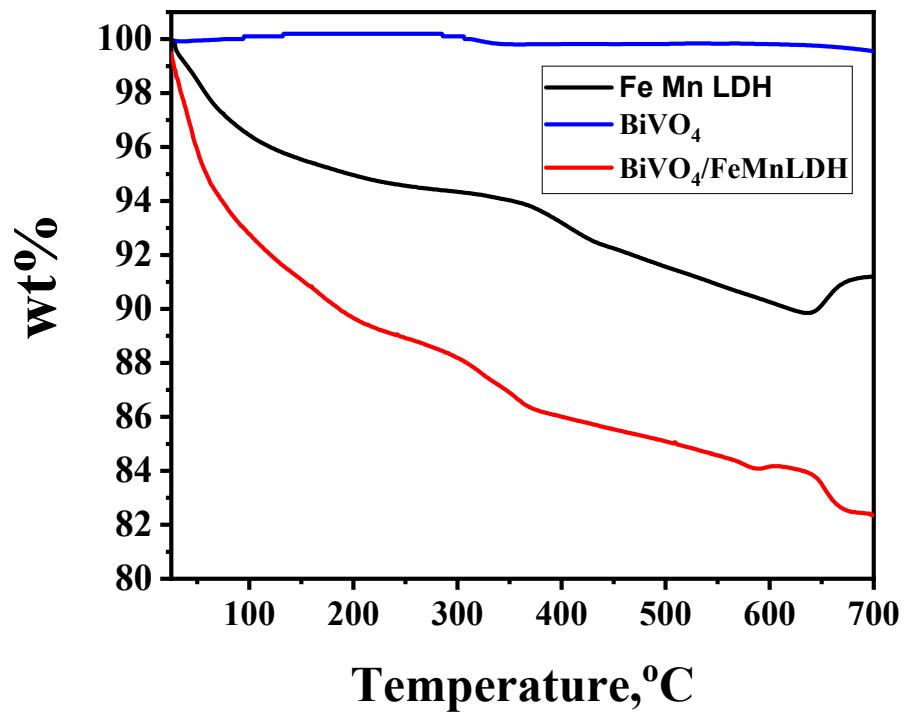


Fig. S2. TGA of the prepared materials