Enhancing Photocatalytic Activity and Stability of Zeolite-Based Catalysts through Synergistic Effect of Doped Cations for Efficient Removal of Dye Contamination

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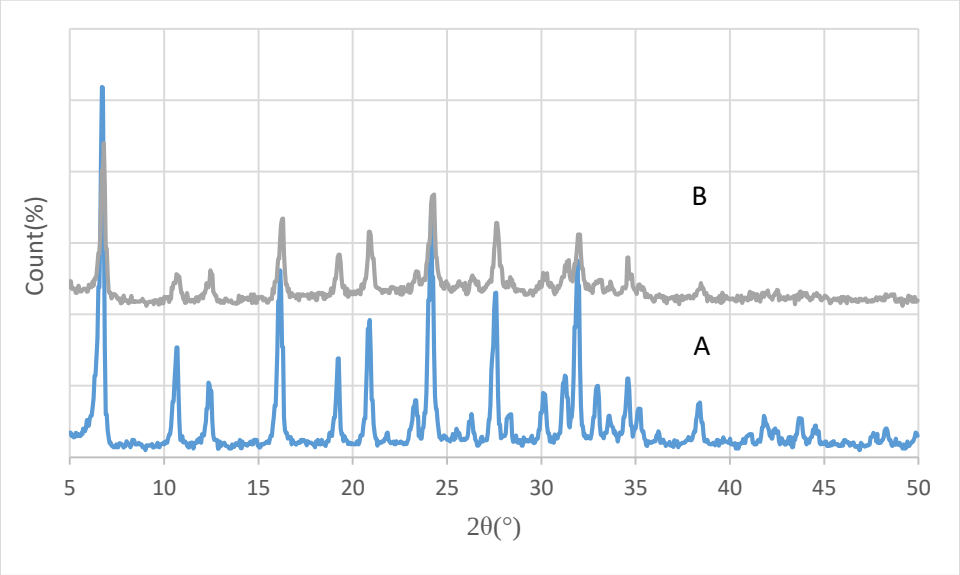

Fig S1. XRD pattern of NaY and DAZY

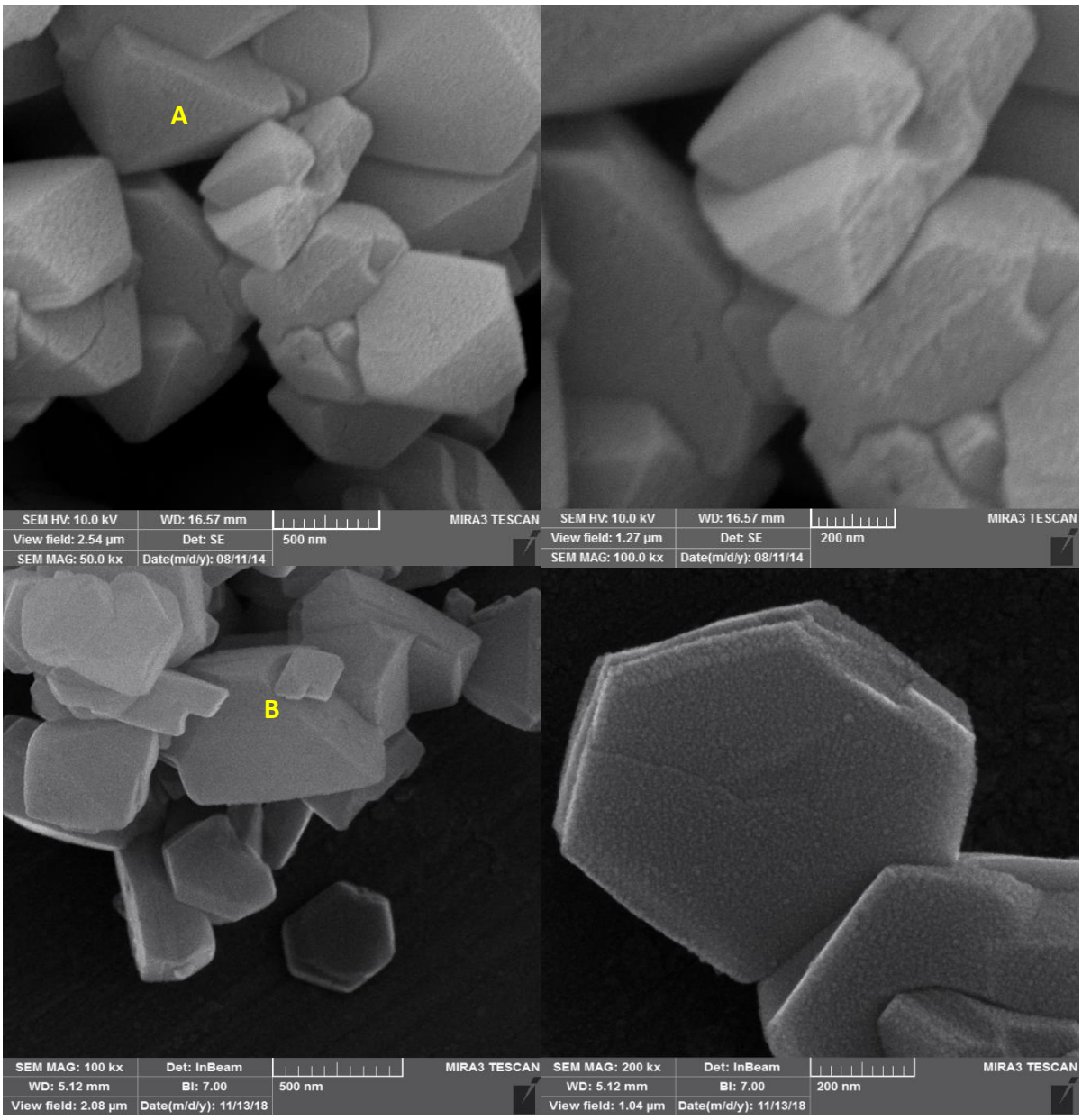

Fig S2. FESEM of Nay and DAZY with two magnification

Table S1. EDS analysis of NaY and DAZY

Elements	C	O	Si	Al	Na
NaY%w	6.71	51.13	21.06	11.97	9.13
DAZY(Dealuminated Y zeolite)%w	2.92	29.08	42.82	19.25	5.93

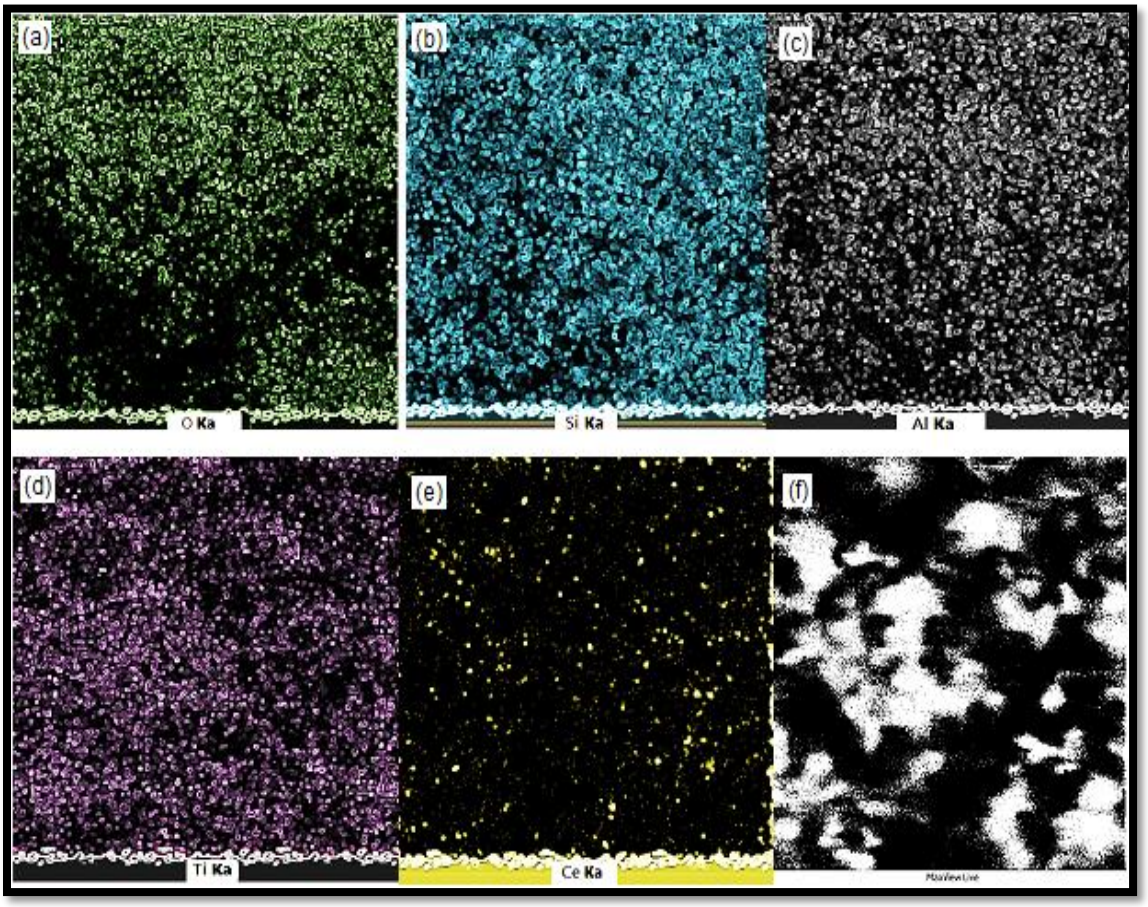

Fig. **S3.** The FESEM-EDX spectrum of CTDAZY nanostructure proved the presence of Ce and Ti in the substituted isomorphous zeolite