Oxalic Acid Modification of β Zeolite for Dehydration of 2-(4'-Ethylbenzoyl) Benzoic Acid

Min Liu^{a, *}, Yanxin Yin^a, Xinwen Guo^a, Chunshan Song^{a, b}

a. State Key Laboratory of Fine Chemicals, PSU-DUT Joint Center for Energy Research, School of Chemical Engineering, Dalian University of Technology, Dalian 116024, P. R. China.

b. EMS Energy Institute, PSU-DUT Joint Center for Energy Research and Department of Energy & Mineral Engineering, Pennsylvania State University, University Park, Pennsylvania 16802, USA.

Corresponding Author: Min Liu, email: lium@dlut.edu.cn

Table S1. Distribution of various Al species in H β samples.

Sample	Al octahedral (%)	Al pentahedral(%)	Al tetrahedral (%)
Р-Нβ	17.8	47.2	35.0
ОТ(0.02)-Нβ	17.8	49.4	32.8
ОТ(0.06)-Нβ	15.6	47.6	36.8
ОТ(0.10)-Нβ	14.6	49.3	36.1
ОТ(0.14)-Нβ	10.5	60.2	29.3