

Electronic Supplementary Information (ESI)

[Cu₃(BTC)₂]-Polyethyleneimine an efficient MOF composite for effective CO₂ separation

Aarti*, Sonal Bhadauria, Anshu Nanoti, Soumen Dasgupta, Swapnil Divekar, Pushpa Gupta and
Rekha Chauhan

CSIR-Indian Institute of Petroleum, Dehradun 248 005, India

*Corresponding Author: aarti@iip.res.in

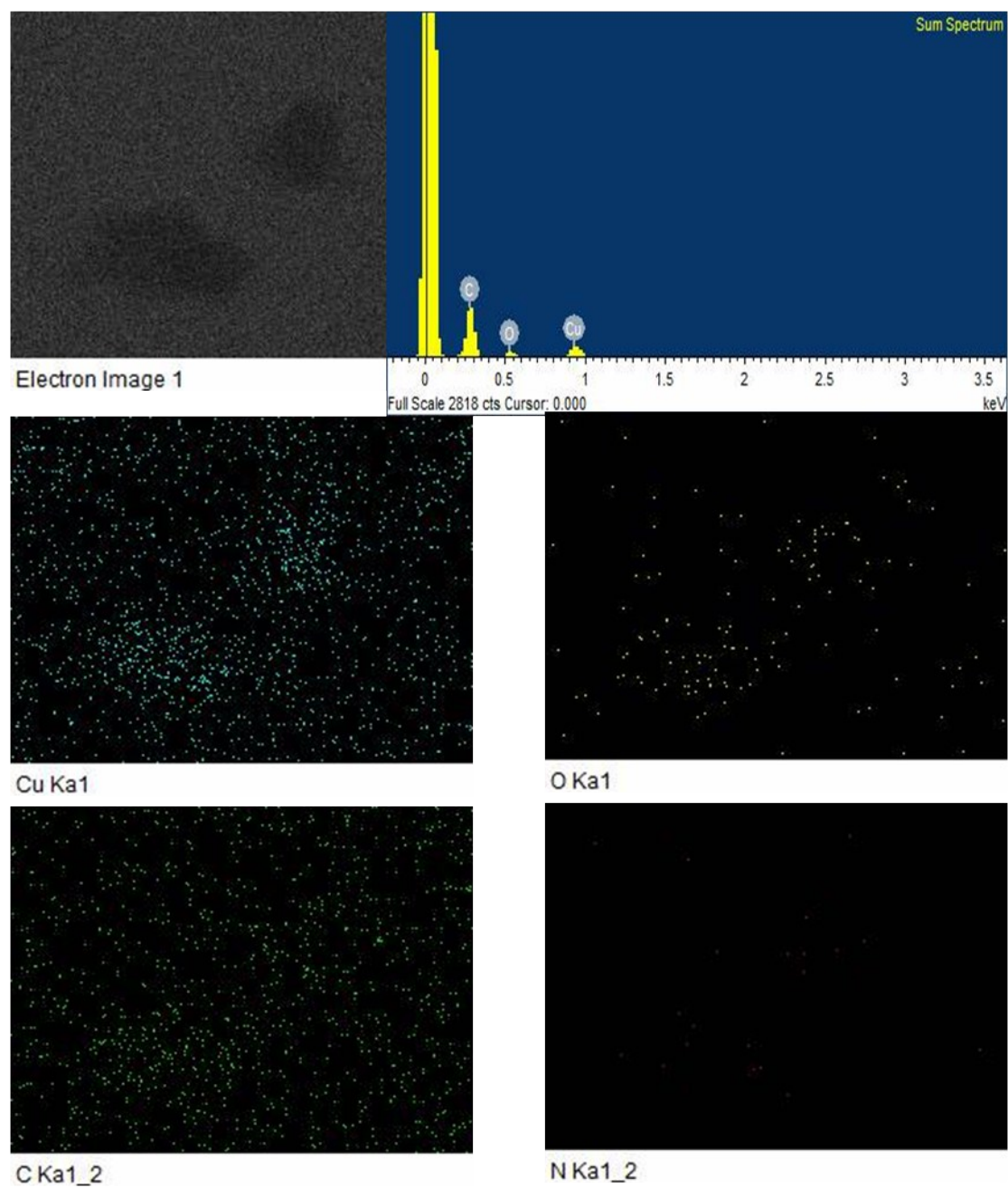


Fig. S1 TEM-elemental mapping and TEM-EDX images of pure Cu-BTC

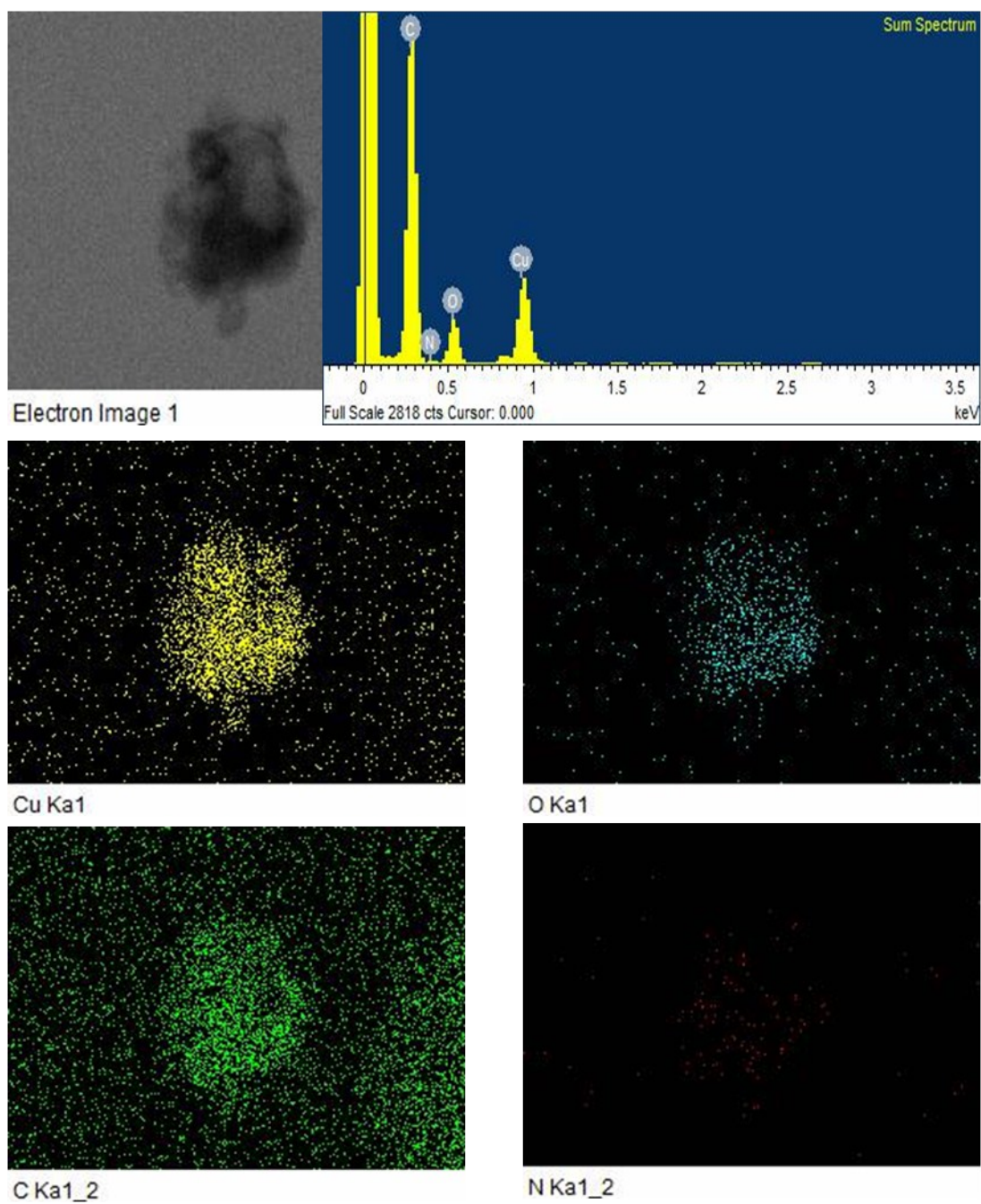


Fig. S2 TEM-elemental mapping and TEM-EDX images of Cu-BTC-PEI-1

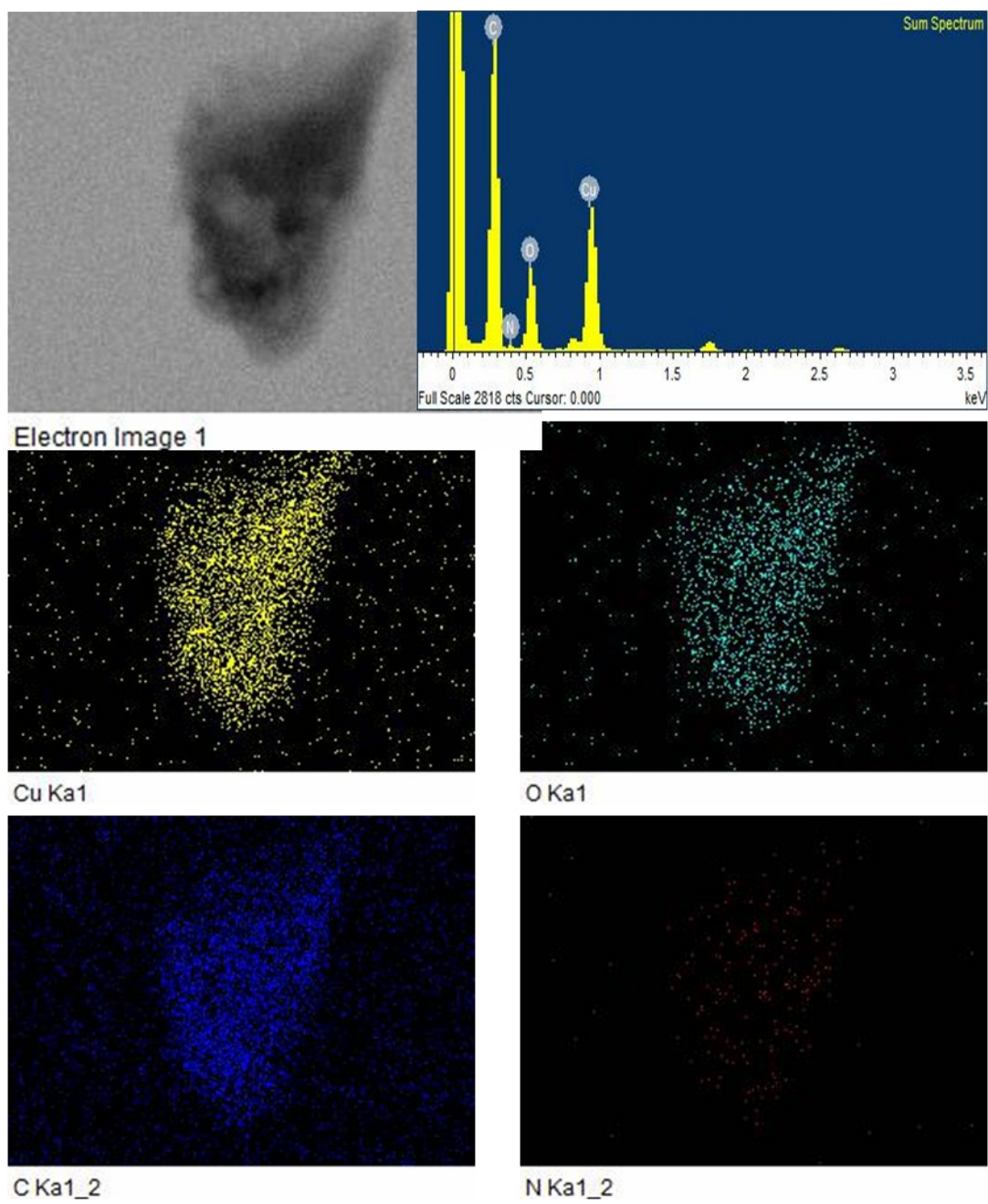


Fig. S3 TEM-elemental mapping and TEM-EDX images of Cu-BTC-PEI-2.5

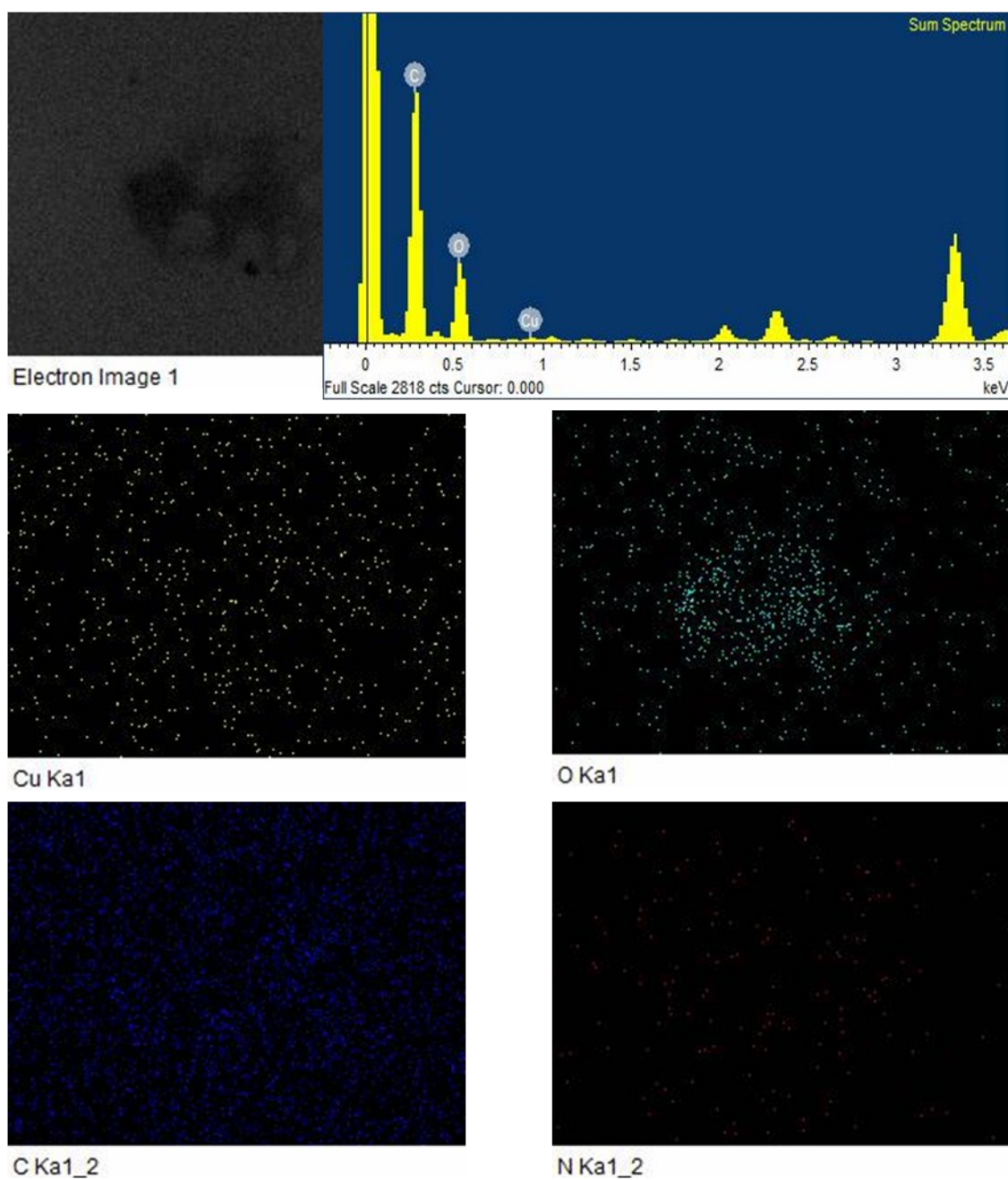


Fig. S4 TEM-elemental mapping and TEM-EDX images of Cu-BTC-PEI-5