Supporting Information

Unlocking MOF A520 Synthesis: Investigating Critical Parameters

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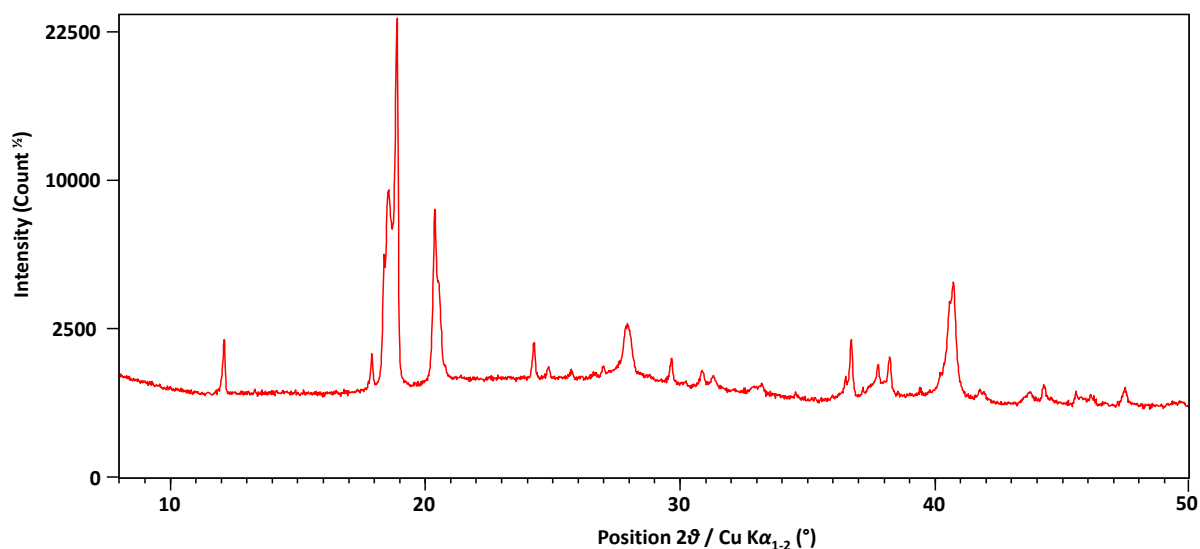
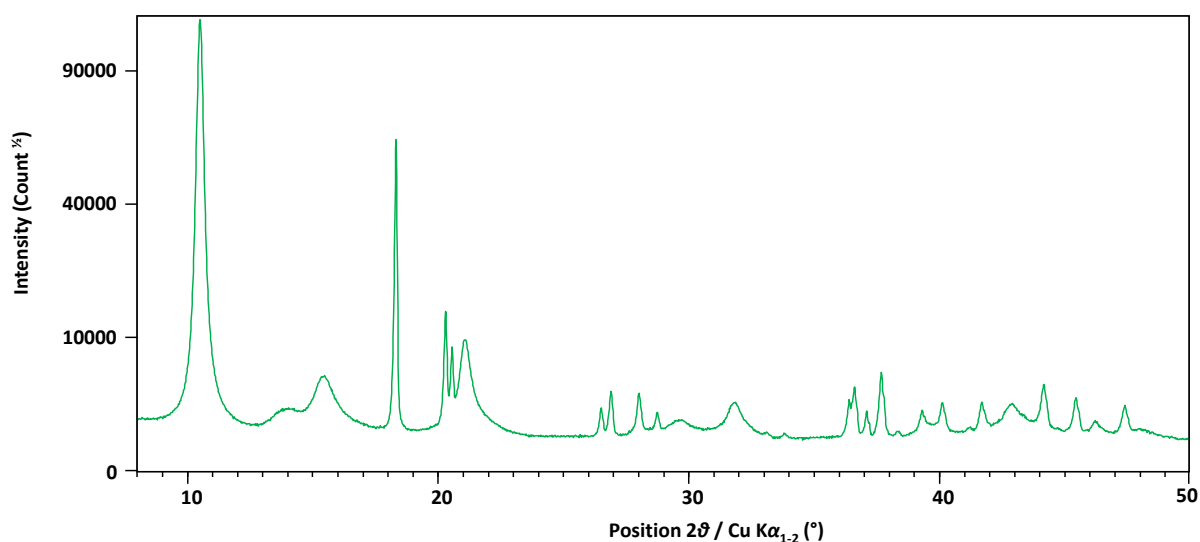Figure S1. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 1

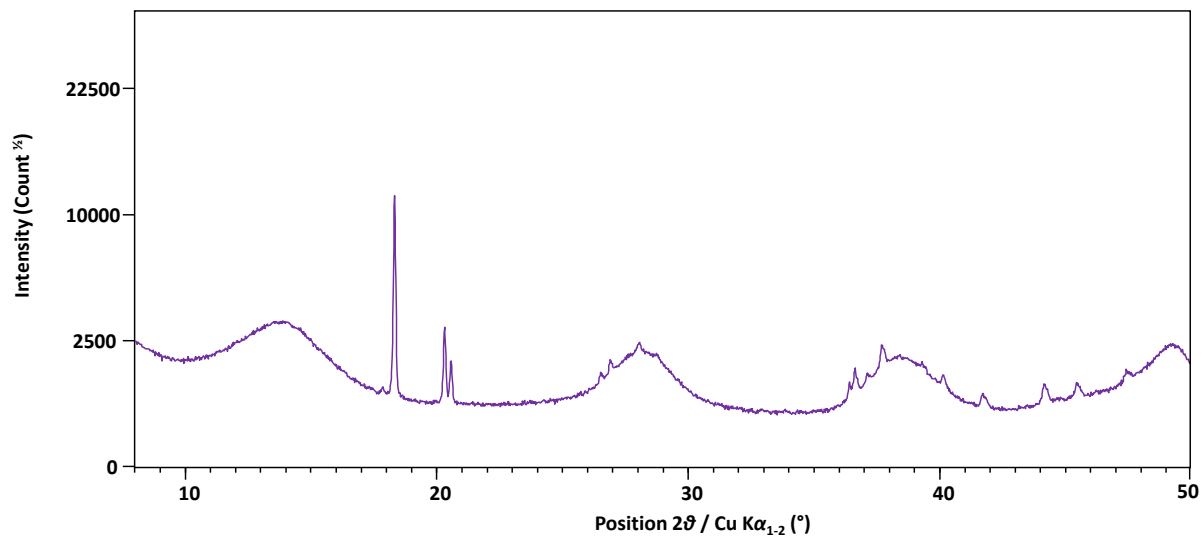Figure S2. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 2

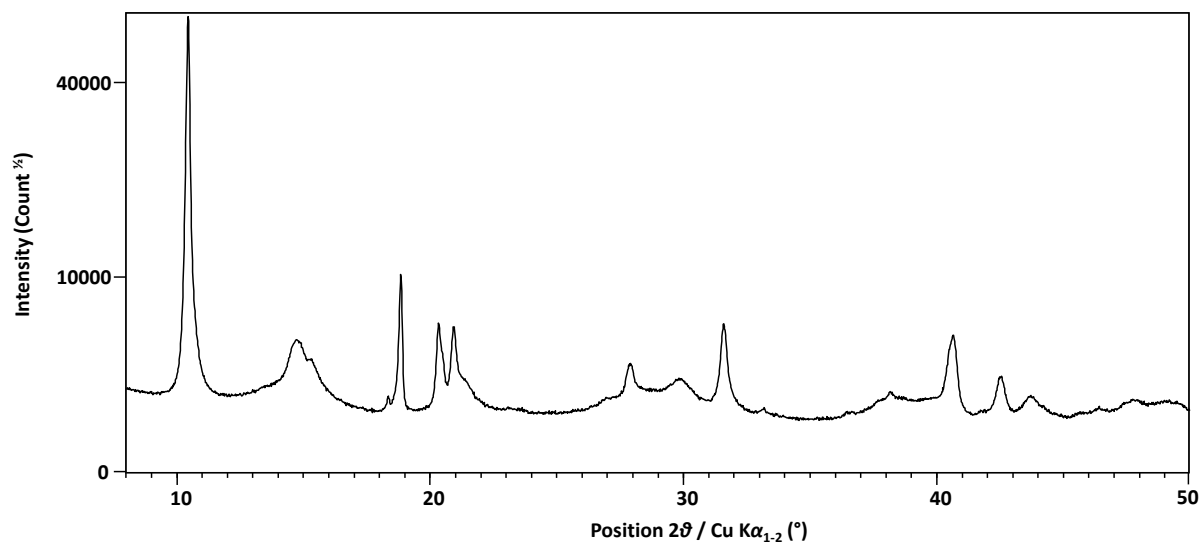Figure S3. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 3

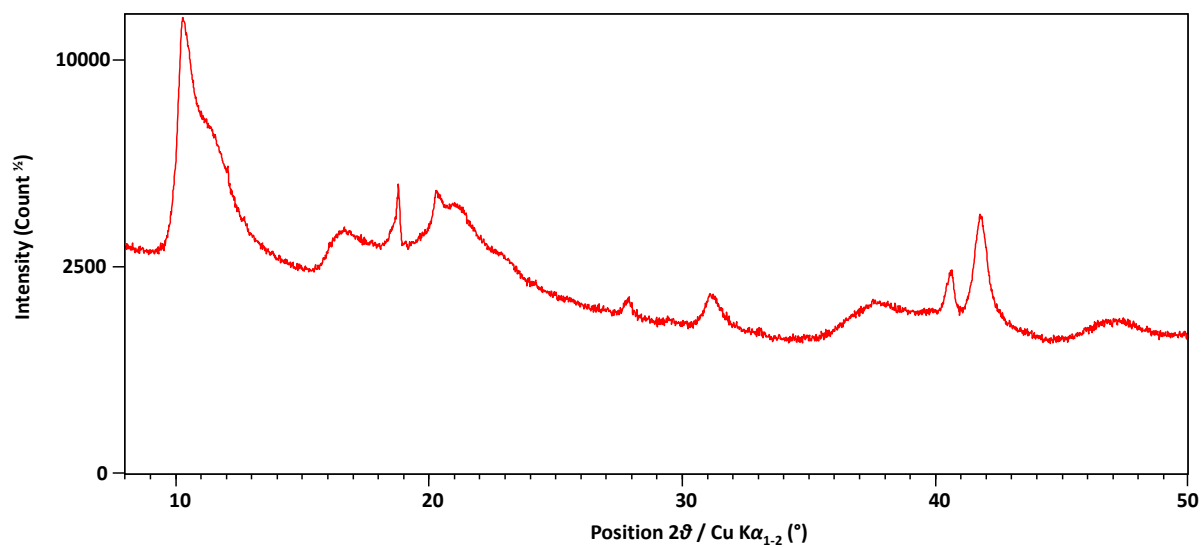Figure S4. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 4

Figure S5. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 5
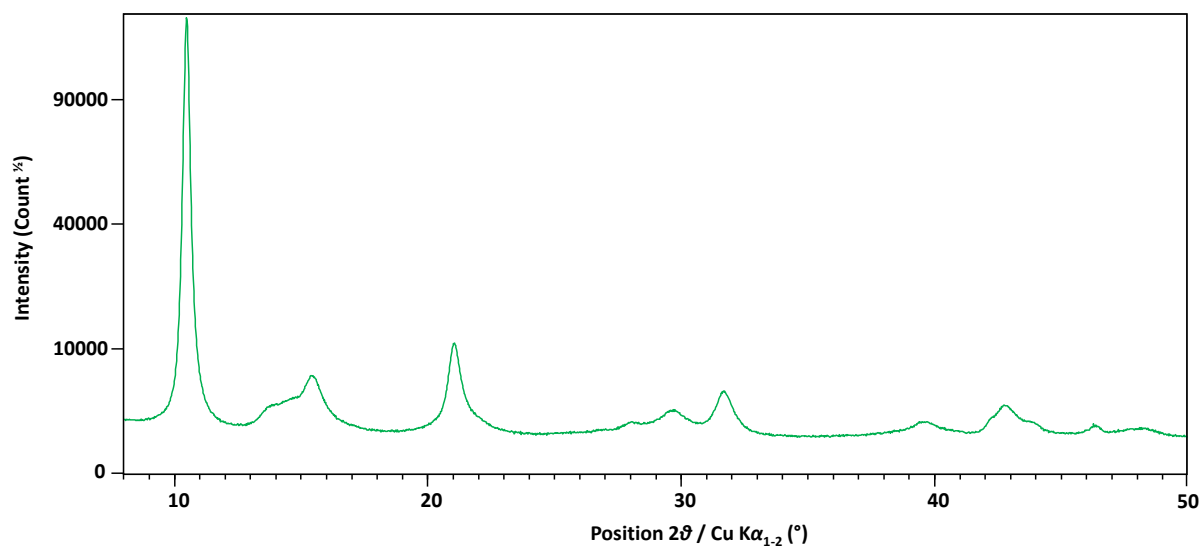

Figure S6. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 6
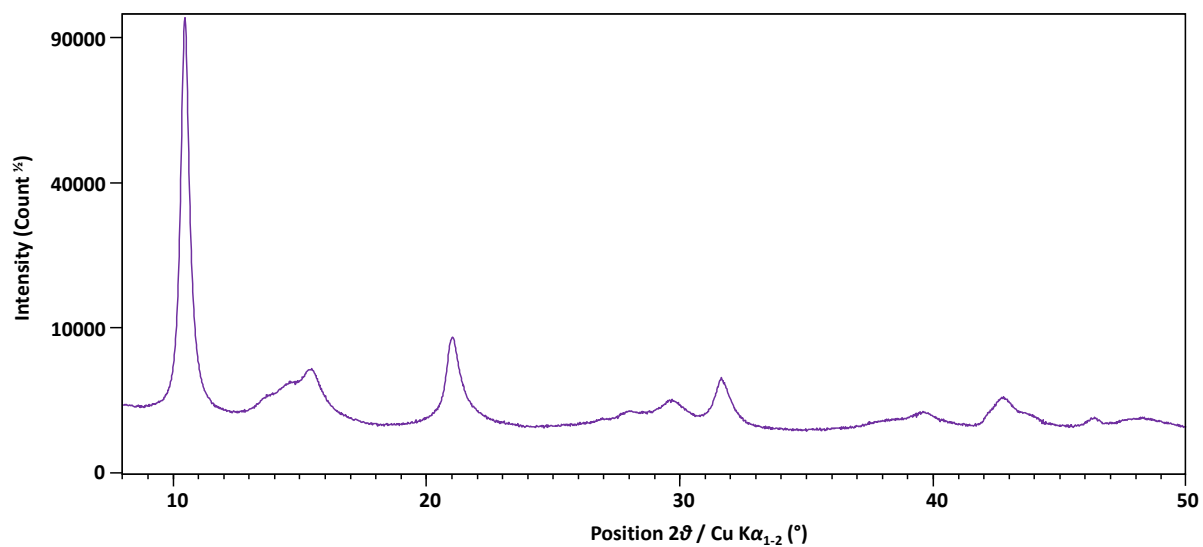
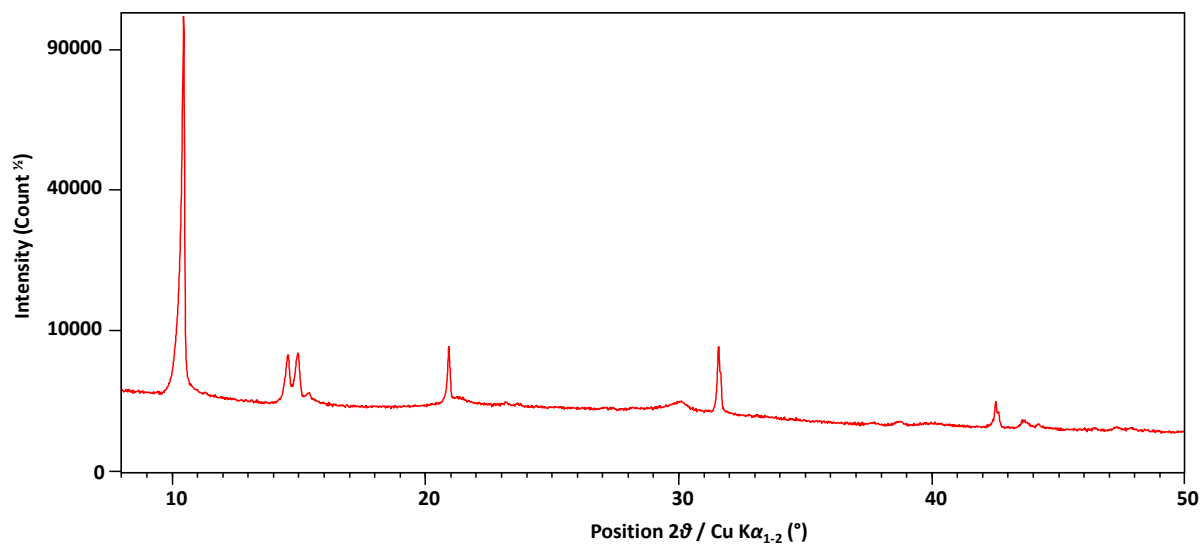Figure S7. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 7

Figure S8. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 8
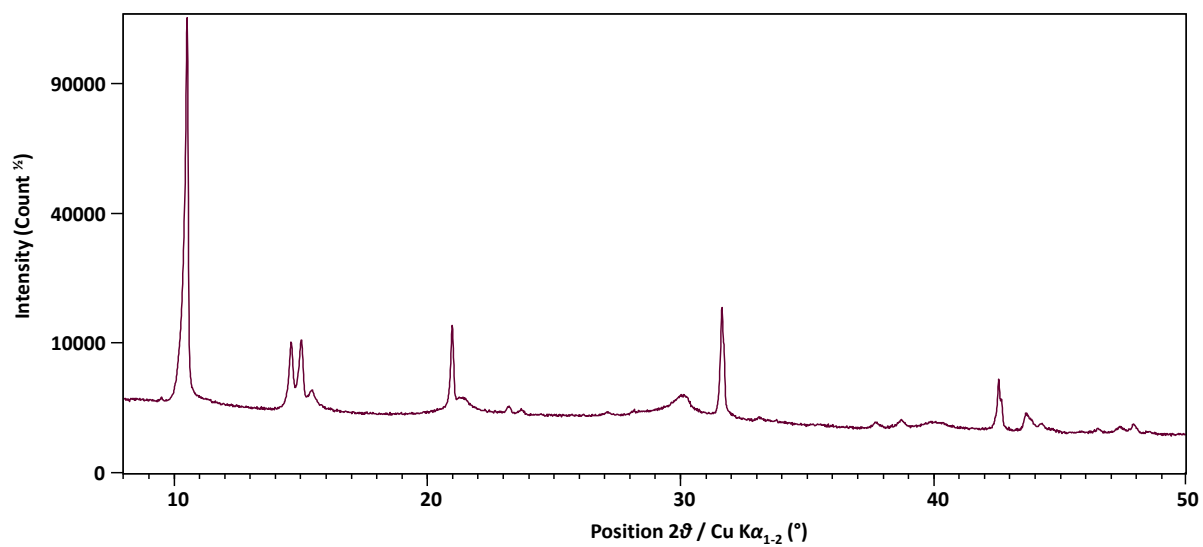
Figure S9. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 9
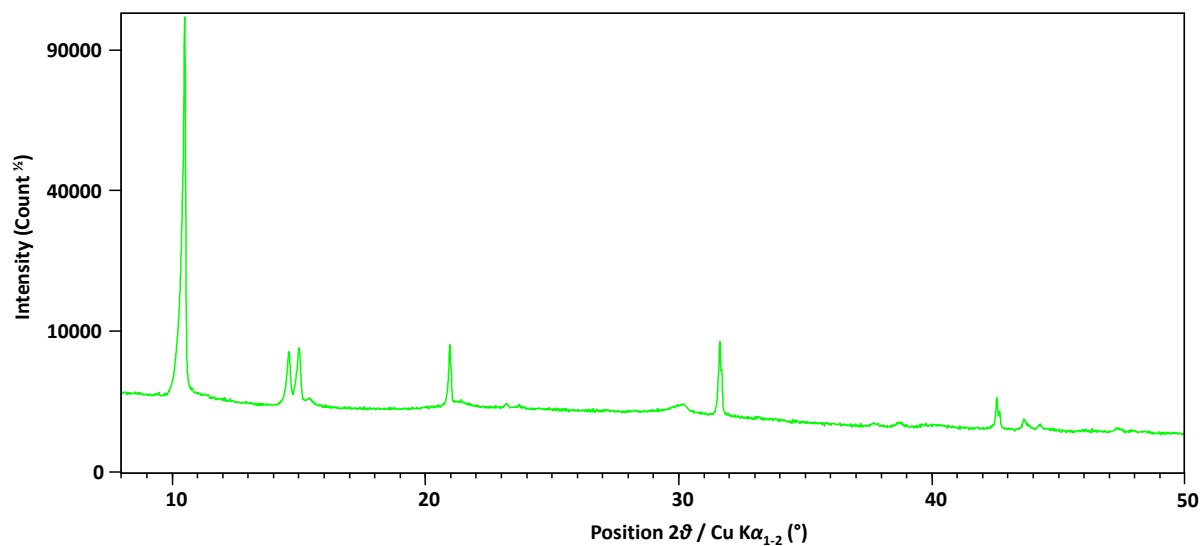

Figure S10. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 10
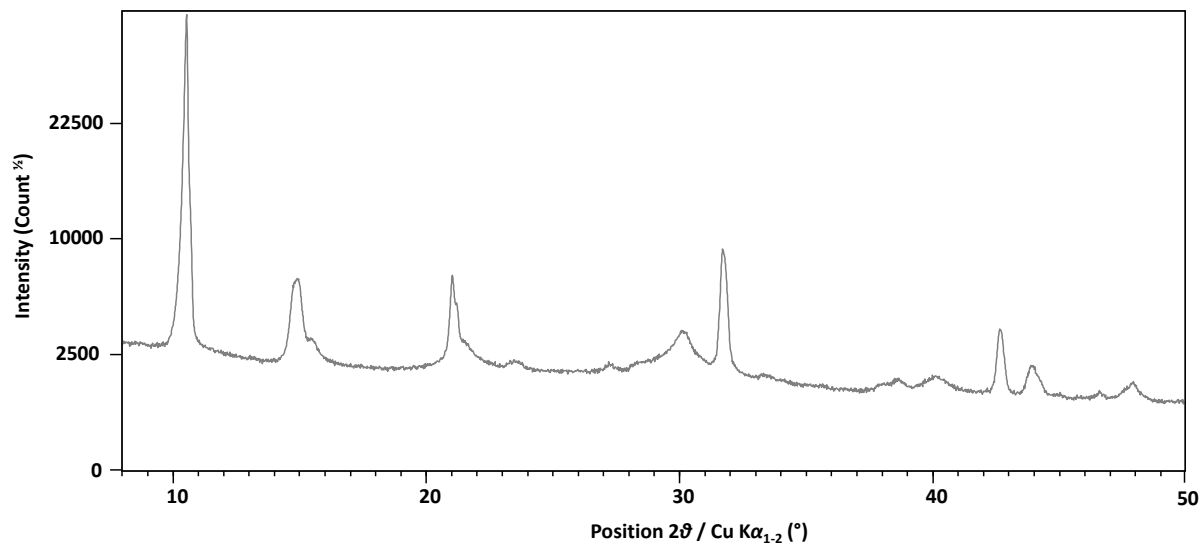
Figure S11. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 11
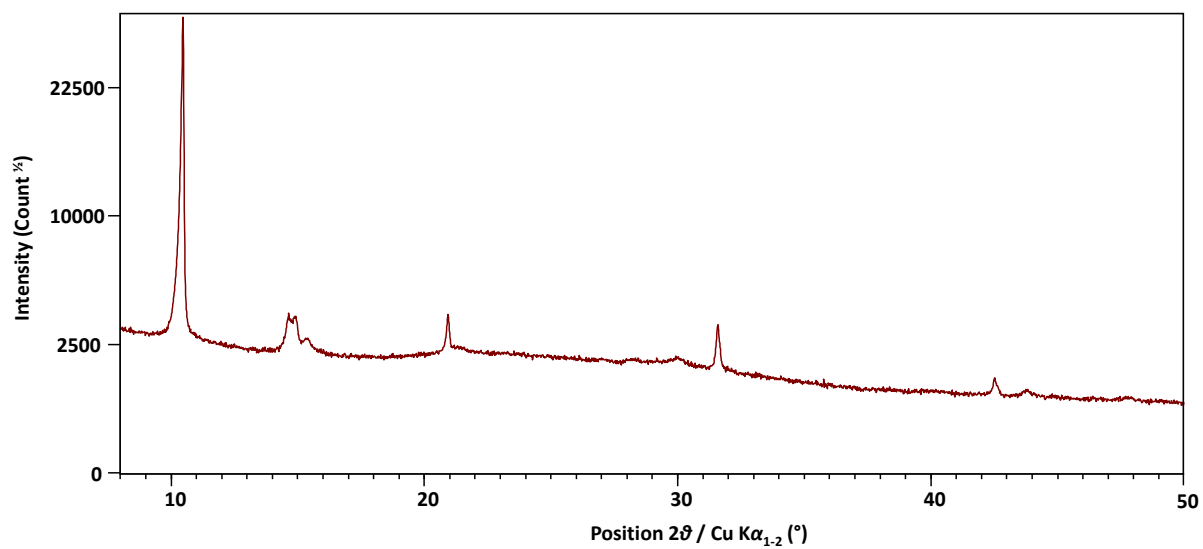

Figure S12. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 12
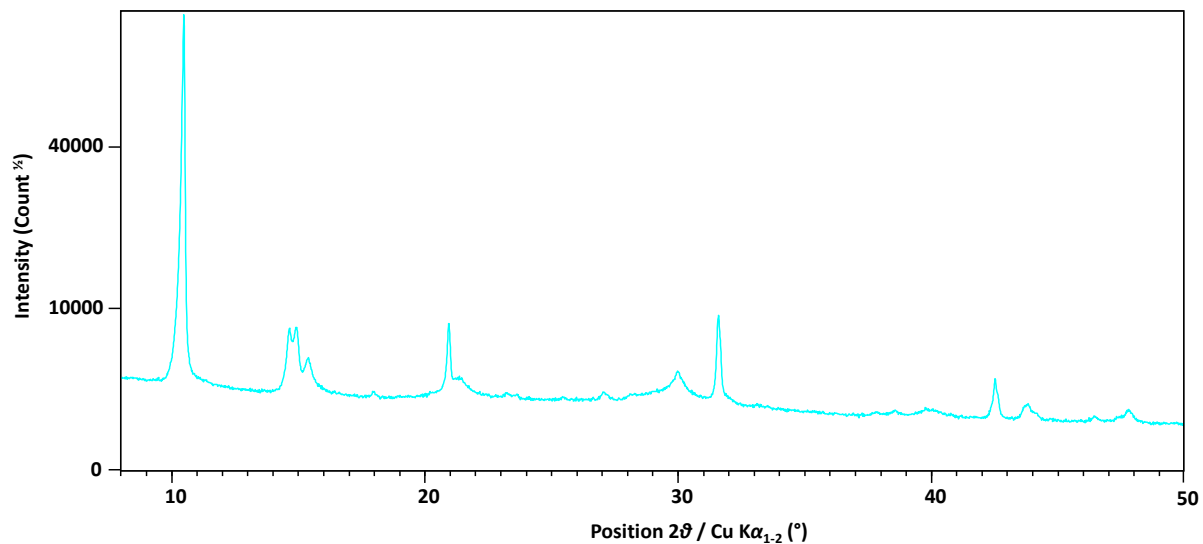
Figure S13. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 13
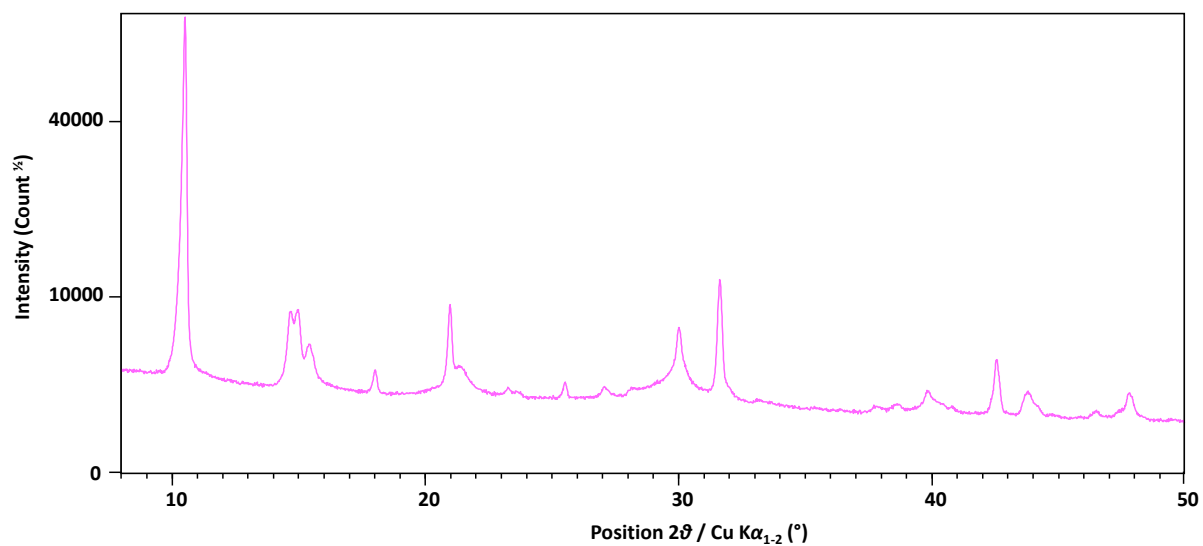

Figure S14. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 14
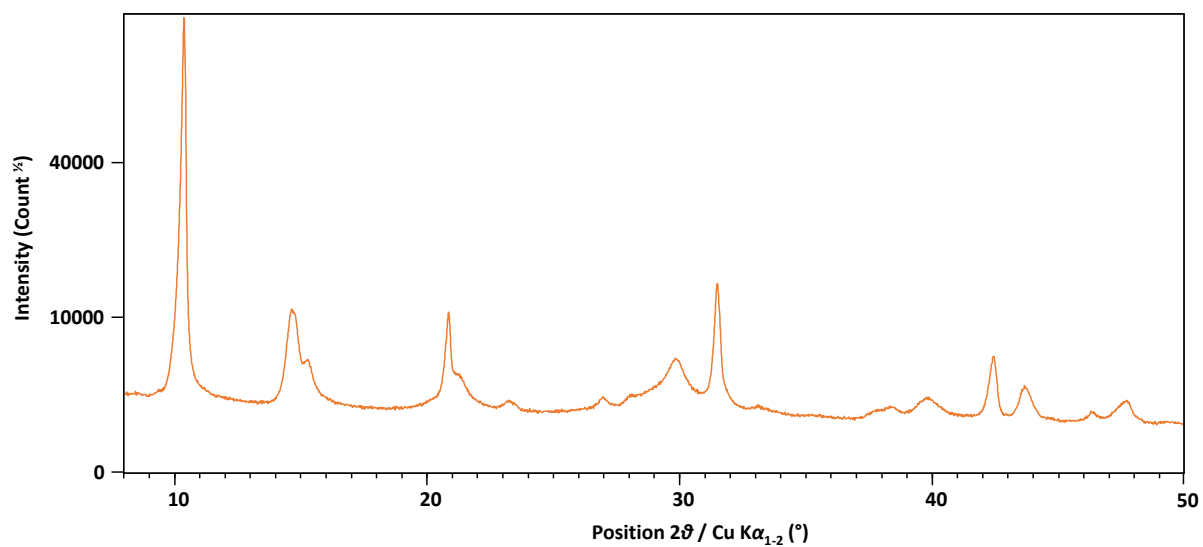
Figure S15. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 15
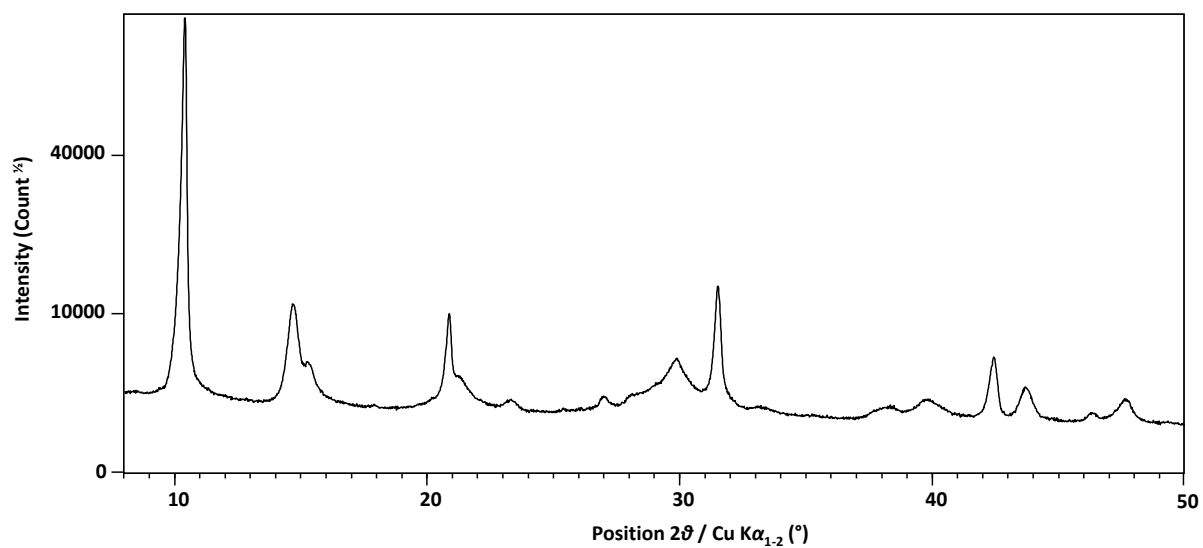

Figure S16. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 16
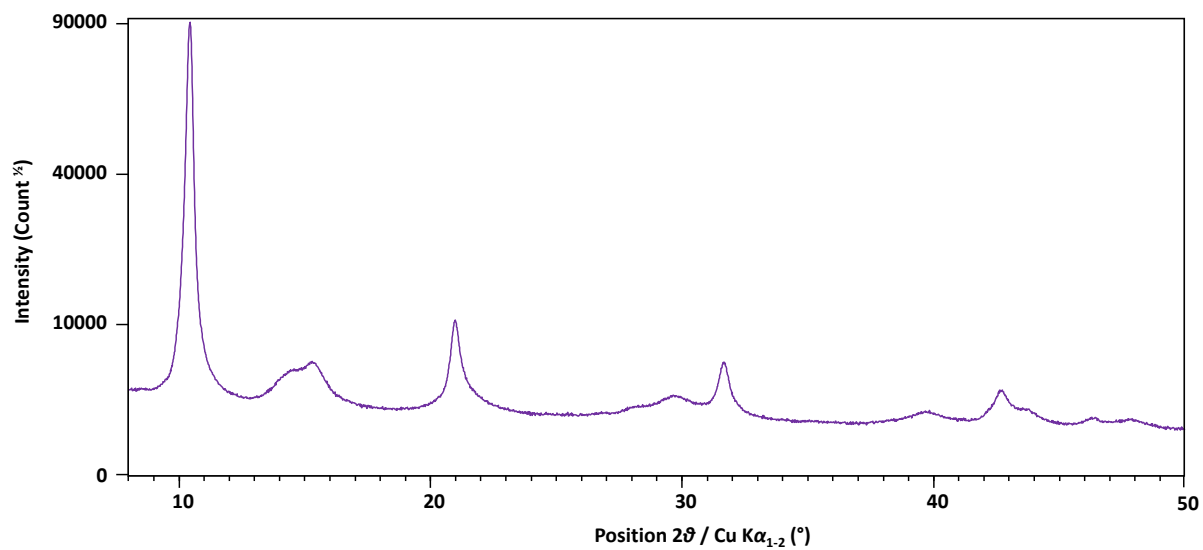
Figure S17. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 17
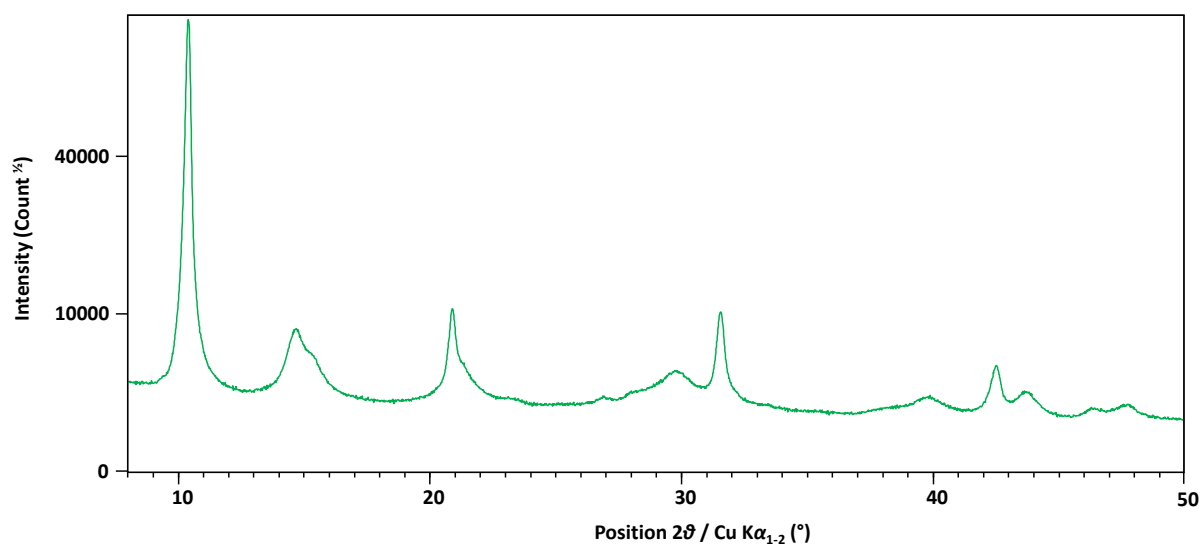

Figure S18. XRD patterns at wide 2θ angles (Cu Kα radiation) of Sample 18
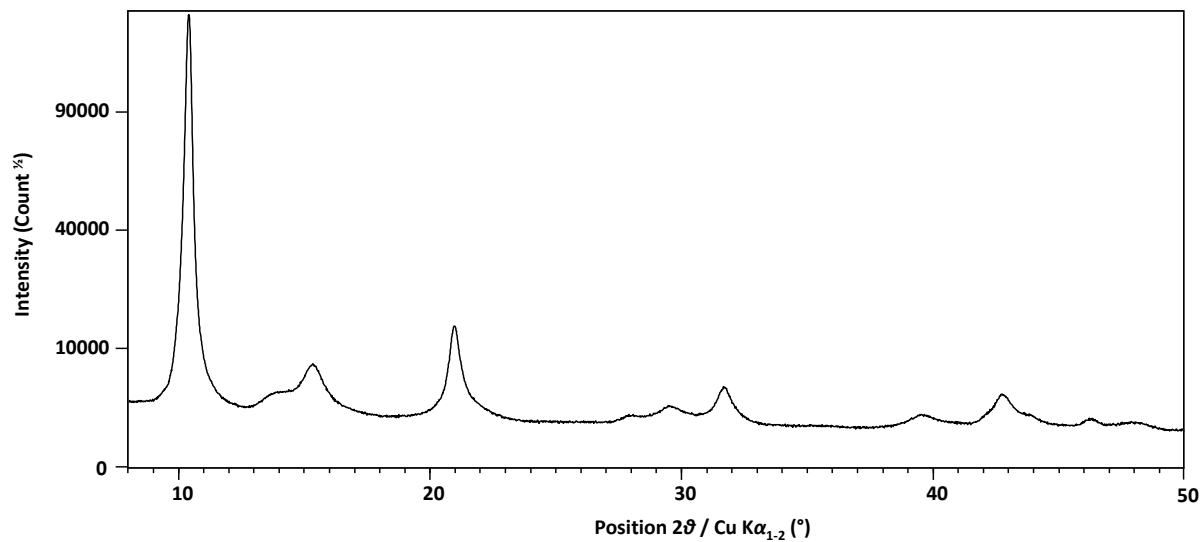
Figure S19. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 1)
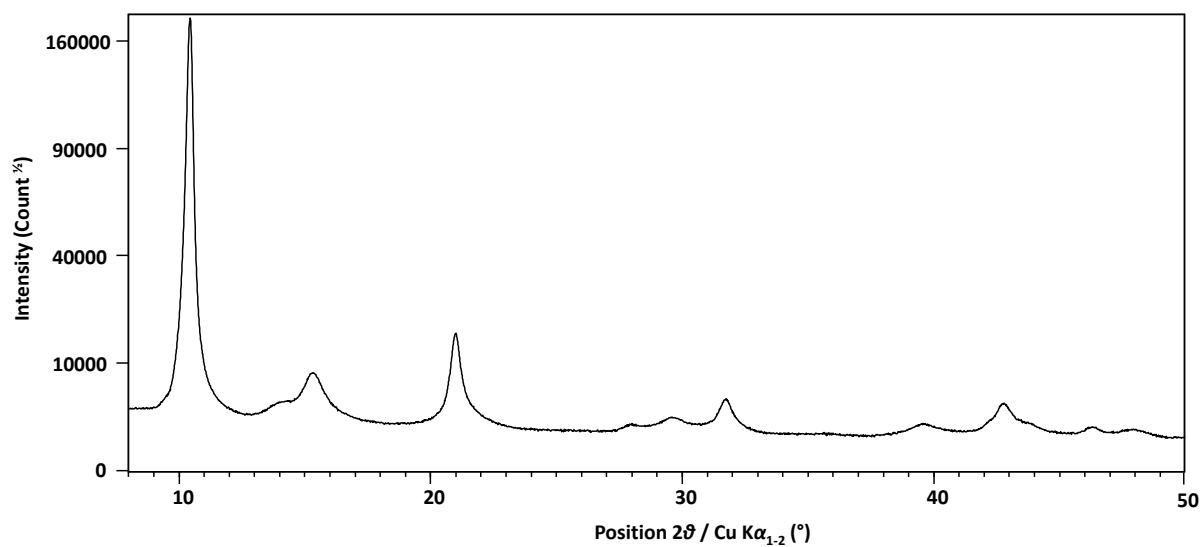

Figure S20. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 2)
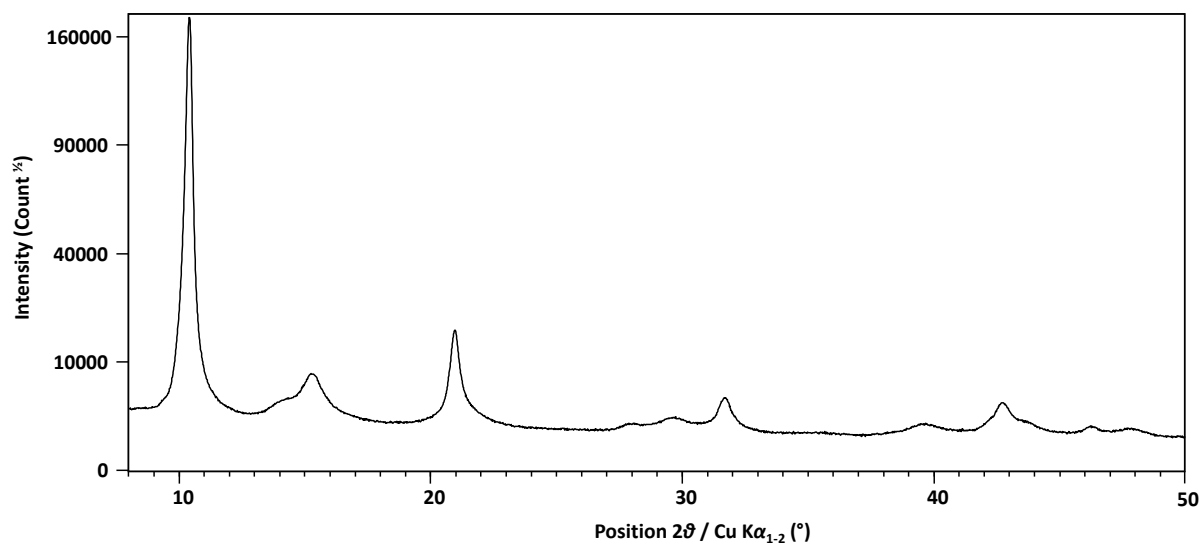
Figure S21. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 3)
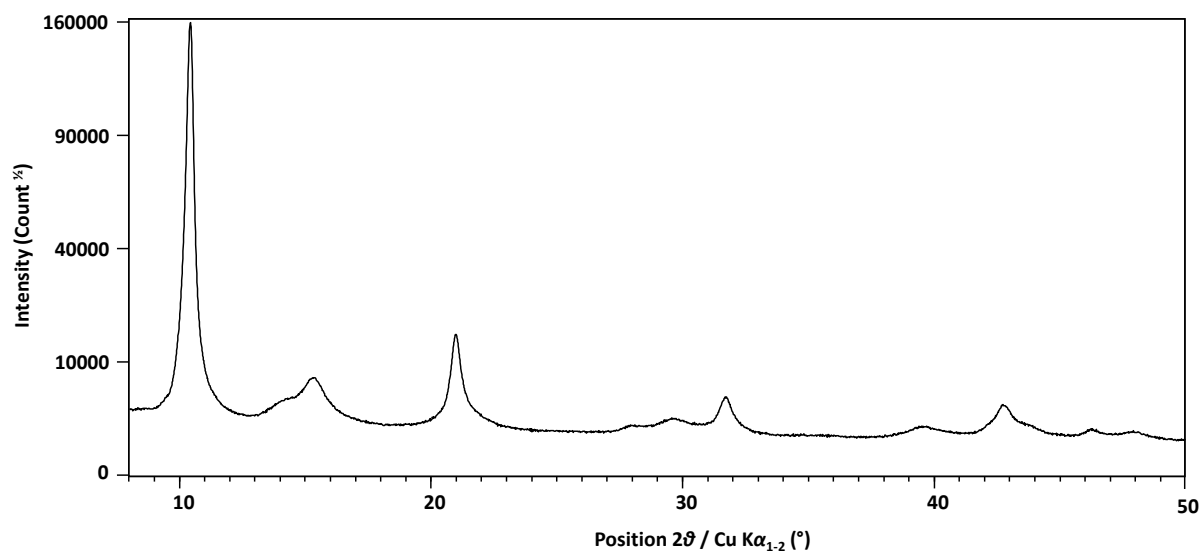

Figure S22. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 4)
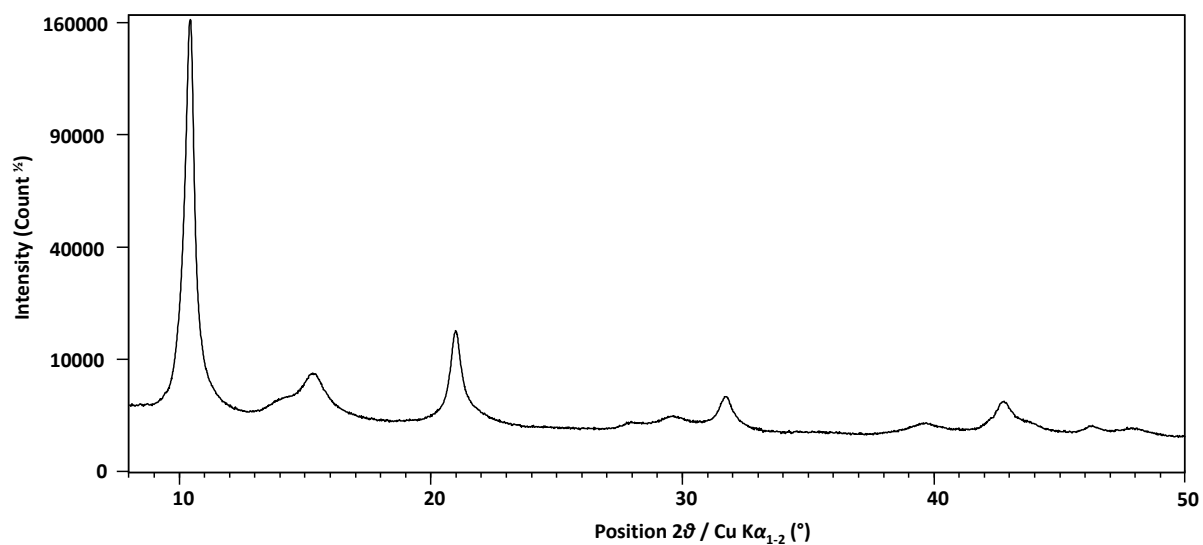
Figure S23. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 5)
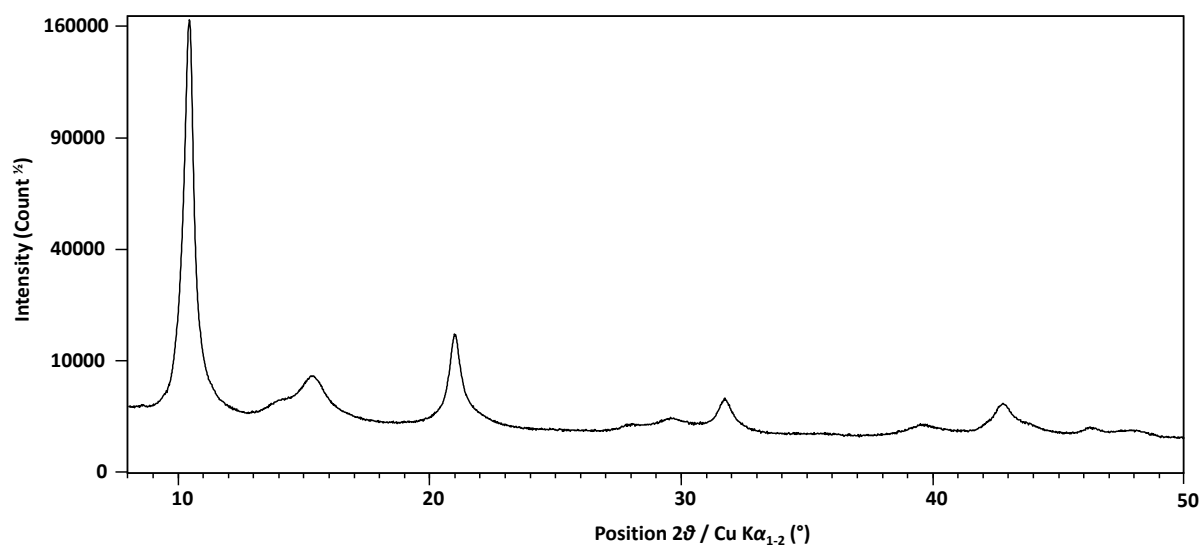

Figure S24. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 6)
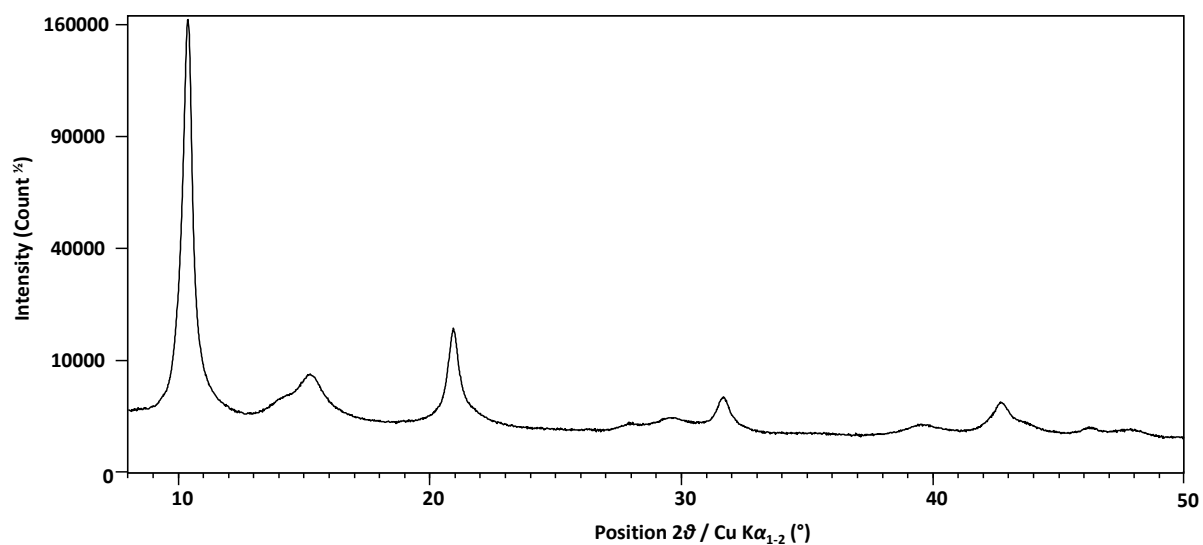
Figure S25. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 7)
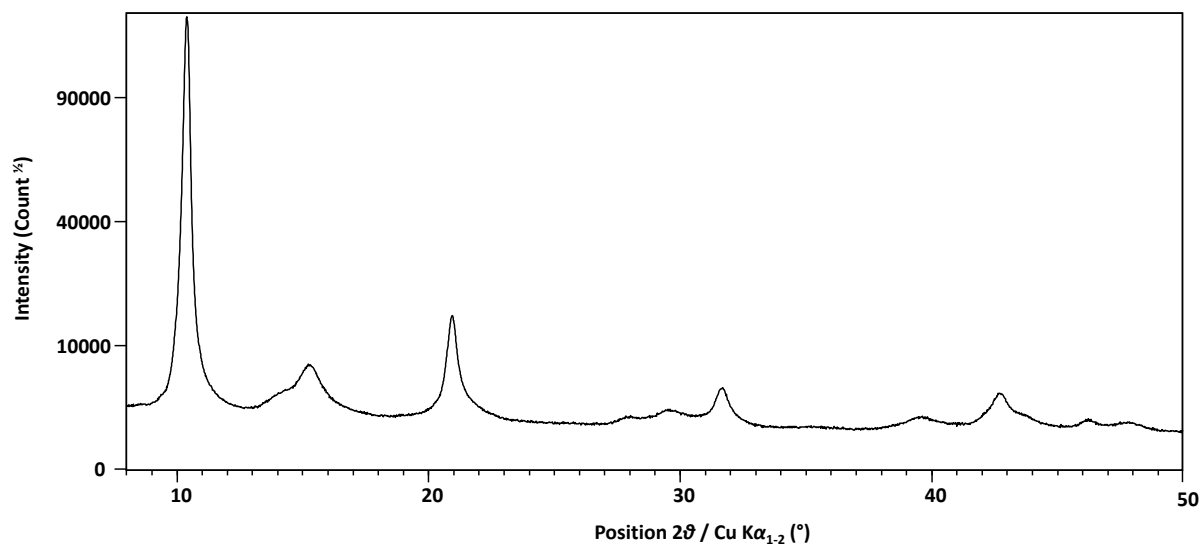

Figure S26. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 8)
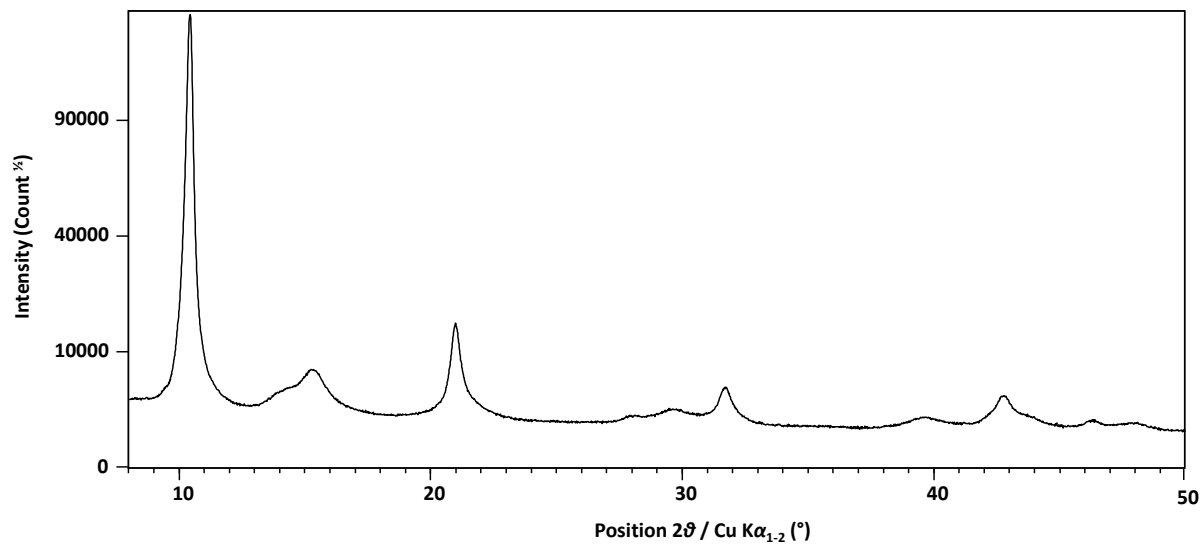
Figure S27. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 9)
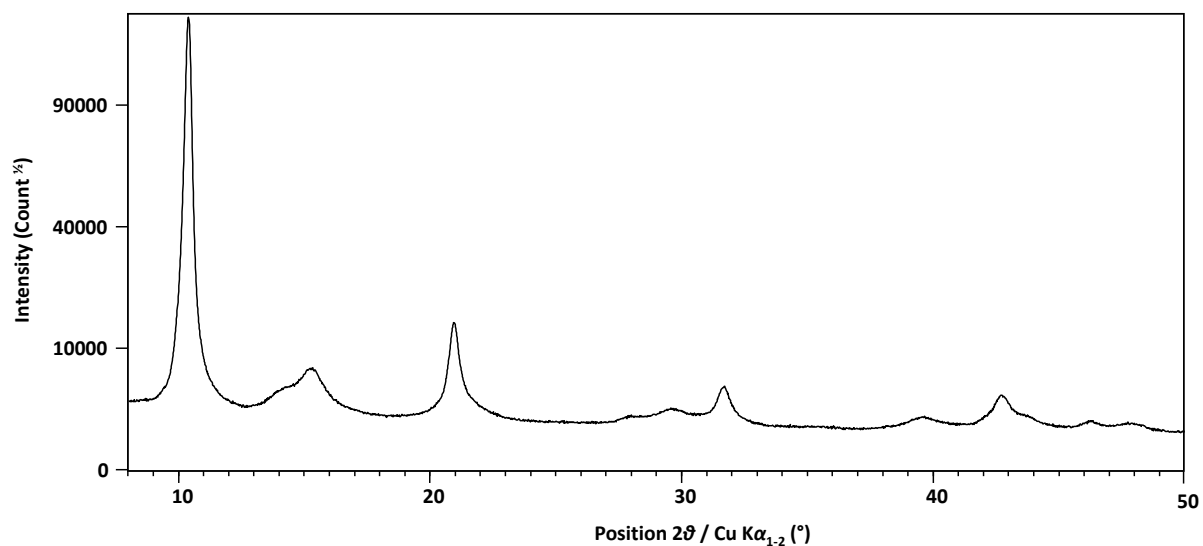

Figure S28. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 10-factor scale-up sample (Trial 10)
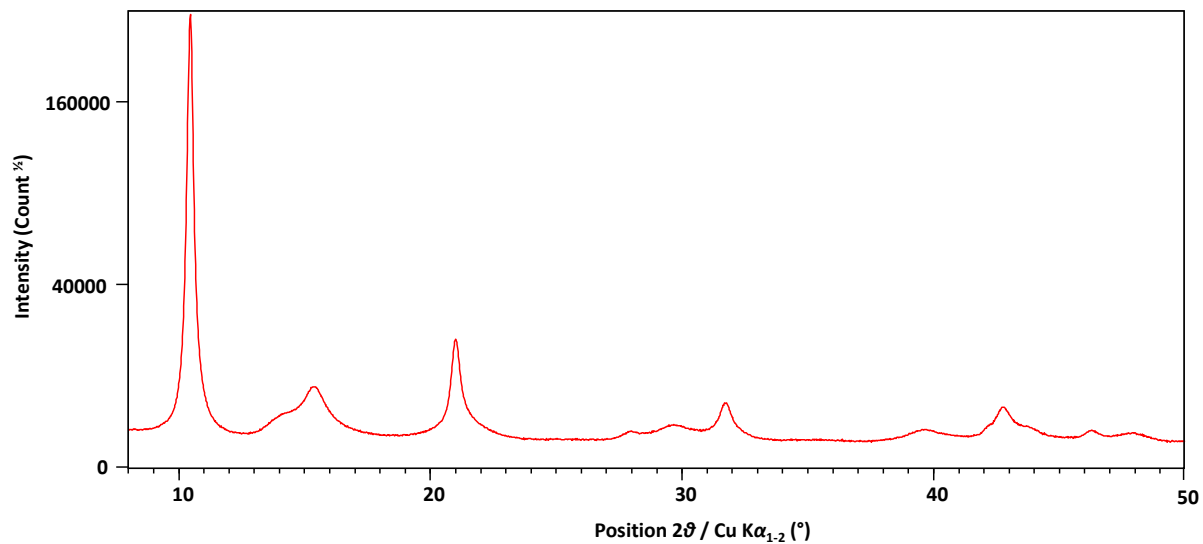
Figure S29. XRD patterns at wide 2θ angles (Cu Kα radiation) of the 100-factor scale-up sample