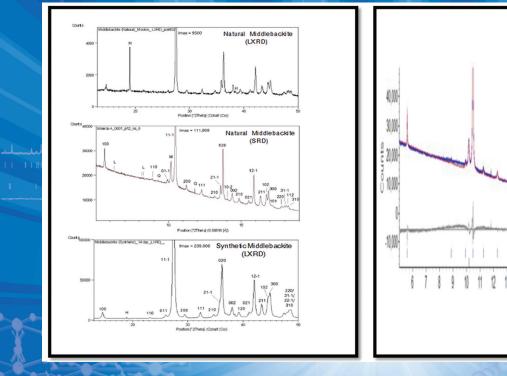
# Powder Diffraction PDJ Journal of Materials Characterization



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# Powder Diffraction

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# Powder Diffraction

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On the Cover: Figures 1 and 4 from "X-ray diffraction study of middlebackite  $[Cul^{I}_{2}C_{2}O_{4}(OH)_{2},$  di-copper oxalate dihydroxide], using a mineral specimen from Mooloo Downs Station, Western Australia and chemically synthesized material" by O'Connor, Clarke, Kimpton, and Allen. They reported the determination of the structure of this mineral sample and compared it with that reported from other sites. The interest in middlebackite is due to it being an oxalate mineral and potential indicator mineral for signs of early life on earth and in earth-like planetary systems.

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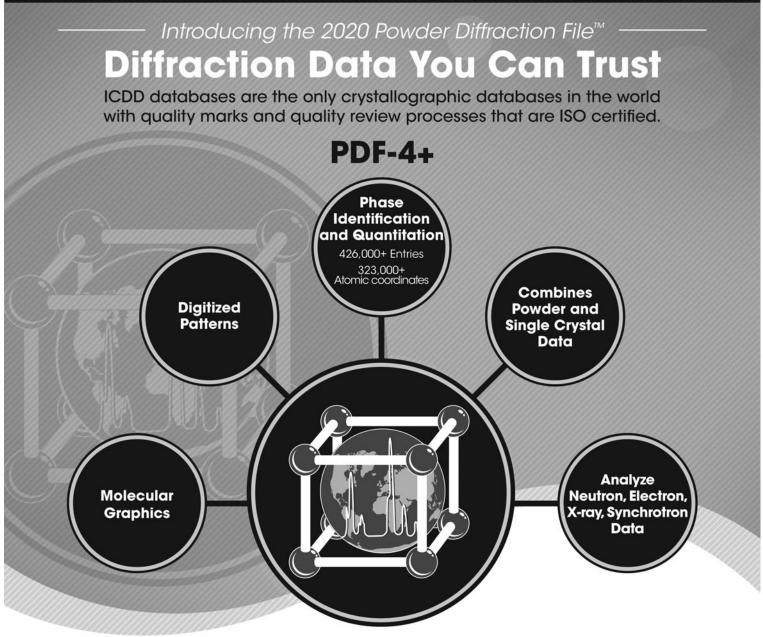
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