

Contribution ID: 234

Type: Poster

Crystal structure for new coordination polymer obtained via solvothermal synthesis in Berghof autoclave

Wednesday, 16 March 2022 18:44 (1 minute)

Coordination polymer [Cu(2,3-pdc)H2O]n was obtained by solvothermal synthesis in a Berghof BF100 pressure reactor using QUIN (quinolinic Acid) and Cu(HSO3)2 as substrates. The resulting compound crystallizes in triclinic system, in a space group of , with a = 7.434(3) Å, b = 7.523(4) Å, c = 7.881(3) Å, α = 62.68(5)o, β = 79.02(5)o, γ = 78.90(5)o, V = 381.5(3) Å3, Z = 2.

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Track Classification: Main conference: Crystallization, Crystal Growth Processes, Synthesis