04-0836	Wavelength= 1.54184 *
Cu	2θ Int h k l
Copper	43.334* 100
Copper, syn	90.026* 17 3 1 1
Rad.: CuKa1 λ: 1.5405 Filter: Ni Beta.M d-sp:	
Cut off: Int.: Diffract. I/Icor.:	136.746 9 3 3 1
Ref: Swanson, Tatge, Natl. Bur. Stand. (U.S.), Circ. 539, I, 15 (1953)	145.014 8 4 2 0
Sys.: Cubic S.G.: Fm3m (225)	
a: 3.6150 b: c: A: C:	
α: β: γ: Z: 4 mp: 1083	
Ref: Ibid.	
Dx: 8.935 Dm: 8.950 SS/FOM: F ₈ =89(.0112, 8)	
Color: Red Pattern taken at 26 C. Sample from metallurgical laboratory of NBS, Gaithersburg, MD, USA. CAS #: 7440-50-8. It had been heated in an H2 atmosphere at 300 C. Impurities from 0.001-0.01%, Ag, Al, Bi, Fe, Si, Zn. Opaque mineral optical data on specimen from unspecified locality, R3R%=60.65, Disp.=Std., VHN100=96-104, Ref.: IMA Commission on Ore Microscopy QDF. Measured density and color from Dana's System of Mineralogy, 7th Ed., I 99. Cu type. Gold group, gold subgroup. PSC: cF4. Mwt: 63.55. Volume[CD]: 47.24.	

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