04-0836					Wavelength= 1.54056 *
Cu	2 ₀ I	Int	h	k	1
Copper	50.433*	.00 46 20	1 2 2	1 0 2	1 0 0
Copper, syn	89.931*	17	3	1	1
Rad.: CuKa1 λ: 1.5405 Filter: Ni Beta.M d-sp:		5 3	2 4	2 0 3	2 0 1
Cut off: Int.: Diffract. I/Icor.:	136.507	9	3		
Ref: Swanson, Tatge, Natl. Bur. Stand. (U.S.), Circ. 539, I, 15 (1953)	144.714	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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