Name and formula

Reference code: 00-001-1241

PDF index name: Copper

Empirical formula: Cu
Chemical formula: Cu

Crystallographic parameters

Crystal system: Cubic
Space group: Fm-3m
Space group number: 225

a (Å): 3,6077
b (Å): 3,6077
c (Å): 3,6077
Alpha (°): 90,0000
Beta (°): 90,0000
Gamma (°): 90,0000

Measured density (g/cm^3): 8,95
Volume of cell (10^6 pm^3): 46,96
Z: 4,00

RIR: -

Status, subfiles and quality

Status: Marked as deleted by ICDD
Subfiles: Inorganic
Quality: Blank (B)

Comments

Deleted by: Deleted by NBS card.
Color: Red
Melting point: 1083

References

Primary reference: Hanawalt et al., *Anal. Chem.*, **10**, 475, (1938)

Peak list

No.	h	k	l	d [A]	2Theta[deg]	I [%]
1	1	1	1	2,08000	43,473	100,0
2	2	0	0	1,81000	50,375	53,0
3	2	2	0	1,28000	73,997	33,0
4	3	1	1	1,09000	89,934	33,0
5	2	2	2	1,04000	95,578	9,0
6	4	0	0	0,91000	115,662	3,0

Stick Pattern