

10870 Conichalcite

Chemical composition : $\text{CaCu}(\text{AsO}_4)(\text{OH})$

Conichalcite is not comparable with the synthetic color „Schweinfurter Grün“ which was well know in the 19th and 20th century.

Average composition:

Calcium	15.5 %
Copper	24.5 %
Arsenic	28 %
Hydroxide	0.39 %
Oxygen	31 %

Tested according to ASTM D 5517 - 8 June 2001

Antimony	0,110 mg/l
Arsenic	21,0 mg/l
Barium	0,095 mg/l
Beryllium	0,043 mg/l
Lead	3,00 mg/l
Cadmium	11,0 µg/l
Chromium	< 0,010 mg/l
Cobalt	0,320 mg/l
Copper	430 mg/l
Manganese	14,0 mg/l
Nickel	1,60 mg/l
Osmium	< 0,050 mg/l
Mercury	1,3 µg/l
Selenium	< 0,200 mg/l
Silver	< 0,100 mg/l
Thallium	< 0,5 µg/l
Vanadium	4,10 mg/l
Tin	< 0,100 mg/l
Zinc	86,0 mg/l