



>>Entry Name: Cobalt titanium oxide

Synonym(s): Cobalt metatitanate

CAS Registry Number: 12017-01-5

CoTiO₃

Molecular Formula: CoO₃Ti

Molecular Weight: 154.811

Accurate Mass: 154.86589

Percentage Composition: Co 38.07%; O 31.00%; Ti 30.93%

General Statement: Ilmenite-type struct.

Source/Synthesis: Synth. from CoO + TiO₂

References:

Wyss, R., *Ann. Chim. (Paris)*, 1948, **3**, 215-242, (*synth*)

Newnham, R.E. *et al.*, *Acta Cryst.*, 1964, **17**, 240-242, (*cryst struct*)

Baran, E.J. *et al.*, *Z. Anorg. Allg. Chem.*, 1978, **444**, 282-288, (*ir*)