

48 -0471

Wavelength= 1.936042

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YCr0.8Co0.203	d(A)	Int	h	k	l	d(A)	Int	h	k	l
Chromium Cobalt Yttrium Oxide	4.2870	2	1	0	1	1.5719	8	2	3	1
	3.7895	6	0	1	1	1.5499	9	4	2	0
	3.7523	5	2	0	0	1.5238	11	4	0	2
	3.3824	22	1	1	1	1.5183	21	2	1	3
	2.7513	25	0	2	0	1.5102	4	3	2	2
Rad.: FeK α 1 λ : 1.936042 Filter: Graph Mono d-sp:	2.6654	100	2	1	1	1.4716	1	0	2	3
Cut off: 5.6 Int.: I/Icor.:	2.6123	24	0	0	2	1.4233	7	3	3	1
Ref: Basceri, C., Tas. A., Timucin, M., Powder Diffraction, 10, 40 (1995)	2.5835	11	1	2	0	1.3955	1	5	1	1
	2.3614	1	0	1	2					
	2.3161	1	1	2	1					
	2.2518	7	1	1	2					
Sys.: Orthorhombic S.G.: Pmnb (62)	2.2189	6	2	2	0					
a: 7.5043(4) b: 5.5039(3) c: 5.2252(3) A: 1.3635 C: 0.9494	2.1436	8	2	0	2					
α :	2.0880	9	3	1	1					
β :	2.0425	3	2	2	1					
γ :	1.9979	2	2	1	2					
Z: 4 mp:	1.8946	21	0	2	2					
Ref: Ibid.	1.8759	18	4	0	0					
	1.8511	6	3	2	0					
Dx: 5.856 Dm: 5.856 SS/FOM: F ₃₀ = 125(.0067, 36)	1.8370	11	1	2	2					
	1.7311	1	0	3	1					
	1.7164	2	3	1	2					
Prepared at 1400 C for 10 hours in air. Perovskite, Ca O3 Ti type.	1.6868	14	1	3	1					
C.D. Cell: a=5.504, b=7.504, c=5.225, a/b=0.7334.	1.6606	1	0	1	3					
c/b=0.6963, S.G.: Pnma(62). Silicon used as an external stand.	1.6214	3	1	1	3					
PSC: oP20. Mwt: 190.29. Volume[CD]: 215.82.										