

48-0472

Wavelength- 1.936042

\*

YCr<sub>0.7</sub>Co<sub>0.3</sub>O<sub>3</sub>

Chromium Cobalt Yttrium Oxide

Rad: FeK $\alpha$ 1  $\lambda$ : 1.936042 Filter: Graph Mono d-sp:

Cut off: 5.6 Int.: I/Icor:

Ref: Basceri, C., Tas, A., Timucin, M., Powder Diffraction, 10, 40 (1995)

Sys: Orthorhombic

S.G.: Pnmb (62)

a: 7.4881(7) b: 5.4952(6) c: 5.2156(5) A: 1.3627 C: 0.9491

 $\alpha$ :  $\beta$ :  $\gamma$ : Z: 4 mp:

Ref: Ibid.

Dx: 5.911 Dm: 5.910 SS/FOM: F<sub>30</sub> = 83(.0104 . 35)Prepared at 1400 C for 10 hours in air. Perovskite, Ca O<sub>3</sub> Ti type.

C.D. Cell: a=5.495, b=7.488, c=5.216, a/b=0.7339,

c/b=0.6965, S.G.=Pnma(62). Silicon used as an external stand.

PSC: oP20. Mwt: 190.98. Volume[CD]: 214.61.

ICDD 2003 JCPDS-International Centre for Diffraction Data. All rights reserved  
PCPDFWIN v. 2.4