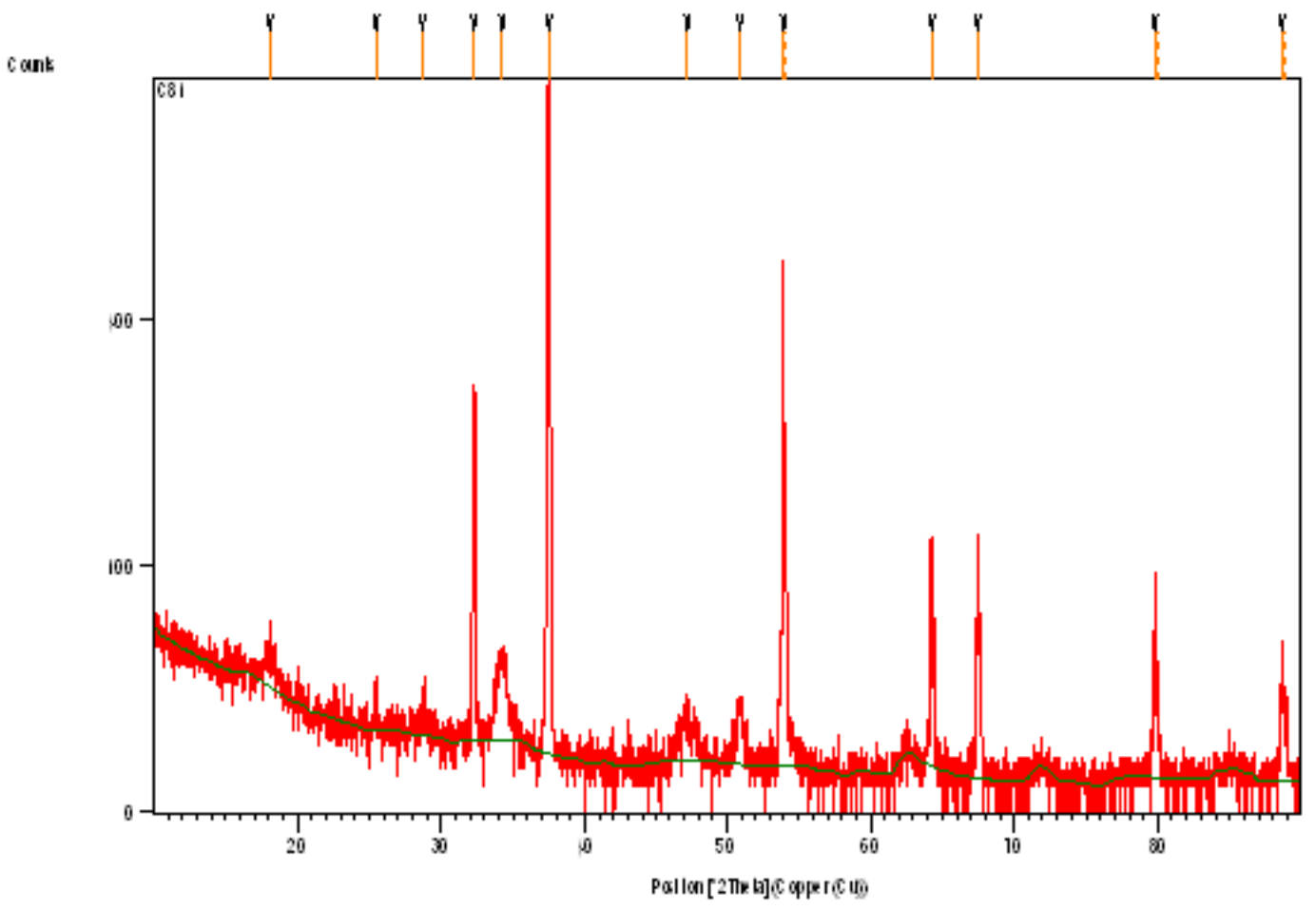
Anchor Scan Parameters

Dataset Name:	C81
File name:	E:\X'Pert Data\2019\Februari\04 Feb 2019\C81\C81.xrdml
Sample Identification:	C81
Comment:	Theta (10-90) Configuration=Stage Flat Samples, Owner=User-1, Creation date=9/15/2009 2:20:30 PM Goniometer=PW3050/60 (Theta/Theta); Minimum step size 2Theta:0.001; Minimum step size Omega:0.001 Sample stage=PW3071/xx Bracket Diffractometer system=XPERT-PRO Measurement program=Theta (10-90), Owner=User-1, Creation date=1/25/2018 8:59:22 AM 0.02 degpermin 46 min
Measurement Date / Time:	2/4/2019 11:05:36 AM
Operator:	State Univ of Malang
Raw Data Origin:	XRD measurement (*.XRDML)
Scan Axis:	Gonio
Start Position [°2Th.]:	10.0100
End Position [°2Th.]:	89.9900
Step Size [°2Th.]:	0.0200
Scan Step Time [s]:	0.7000
Scan Type:	Continuous
Offset [°2Th.]:	0.0000
Divergence Slit Type:	Fixed
Divergence Slit Size [°]:	0.9570
Specimen Length [mm]:	10.00
Receiving Slit Size [mm]:	0.1000
Measurement Temperature [°C]:	25.00
Anode Material:	Cu
K-Alpha1 [Å]:	1.54060
K-Alpha2 [Å]:	1.54443
K-Beta [Å]:	1.39225
K-A2 / K-A1 Ratio:	0.50000
Generator Settings:	35 mA, 40 kV
Diffractometer Type:	00000000011063758
Diffractometer Number:	0
Goniometer Radius [mm]:	240.00
Dist. Focus-Diverg. Slit [mm]:	91.00
Incident Beam Monochromator:	No
Spinning:	No

Graphics



Peak List

Pos.[°2Th.]	Height[cts]	FWHM[°2Th.]	d-spacing[Å]	Rel.Int.[%]
18.0860	21.17	0.5510	4.90493	2.38
25.4343	14.93	0.2362	3.50206	1.68
28.6779	7.29	0.9446	3.11291	0.82
32.2893	294.37	0.1378	2.77253	33.11
34.2023	31.47	0.5510	2.62171	3.54
37.4476	889.15	0.0787	2.40163	100.00
47.2739	8.60	0.9446	1.92282	0.97
50.9137	15.30	0.4723	1.79358	1.72
53.9607	497.74	0.0720	1.69787	55.98
54.1033	244.32	0.0720	1.69794	27.48
64.2465	121.97	0.0960	1.44863	13.72
67.4788	127.41	0.0960	1.38689	14.33
79.7680	92.34	0.0960	1.20127	10.39
80.0008	32.61	0.1440	1.20134	3.67
88.6273	47.92	0.1440	1.10265	5.39
88.9035	22.83	0.1440	1.10268	2.57

Document History

Insert Measurement:
- File name = "C81.xrdml"
- Modification time = "2/7/2019 2:20:28 PM"
- Modification editor = "State Univ of Malang"

Default properties:
- Measurement step axis = "None"
- Internal wavelengths used from anode material: Copper (Cu)
- Original K-Alpha1 wavelength = "1.54060"
- Used K-Alpha1 wavelength = "1.54060"
- Original K-Alpha2 wavelength = "1.54443"
- Used K-Alpha2 wavelength = "1.54443"
- Original K-Beta wavelength = "1.39225"
- Used K-Beta wavelength = "1.39225"
- Dist. focus to div. slit = "91.00000"
- Irradiated length = "10.00000"
- Spinner used = "No"
- Linear detector mode = "None"
- Length linear detector = "2"
- Step axis value = "0.00000"
- Offset = "0.00000"
- Sample length = "10.00000"
- Modification time = "2/7/2019 2:20:28 PM"
- Modification editor = "State Univ of Malang"

Search Peaks:
- Minimum significance = "2.00"
- Minimum tip width = "0.01"
- Maximum tip width = "1.00"
- Peak base width = "2.00"
- Method = "Top of smoothed peak"
- Modification time = "4/17/2017 8:55:59 AM"
- Modification editor = "State Univ of Malang"