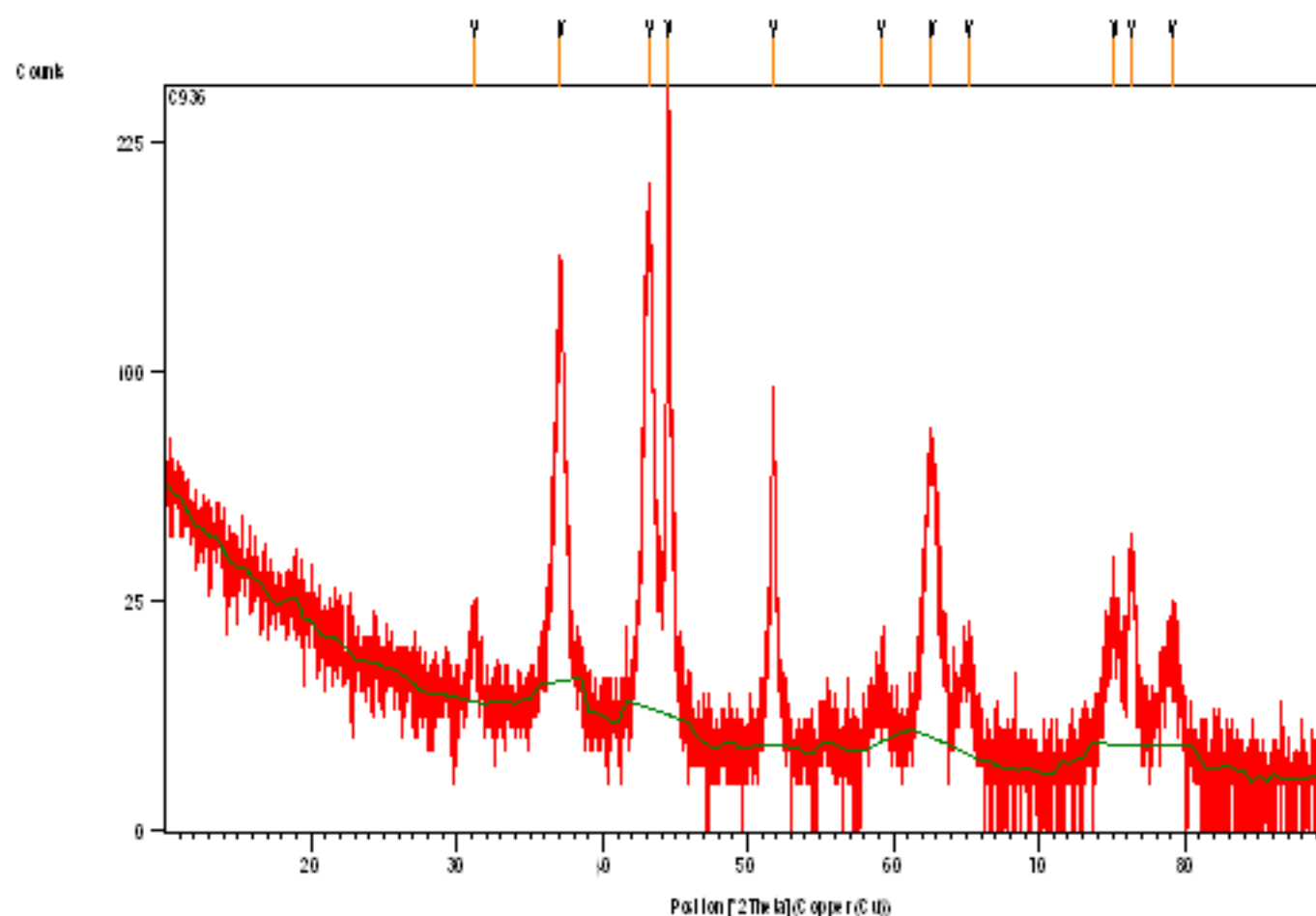


Anchor Scan Parameters

Dataset Name: C936
 File name: E:\X'Pert Data\2022\June\30 Jun 2022\C936\C936.xrdml
 Sample Identification: C936
 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 2Theta0.001; 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: 6/30/2022 2:26:51 PM
 Operator: State Univ of Malang
 Raw Data Origin: XRD measurement (*.XRDML)
 Scan Axis: Gonio
 Start Position [$^{\circ}2\theta$.]: 10.0100
 End Position [$^{\circ}2\theta$.]: 89.9900
 Step Size [$^{\circ}2\theta$.]: 0.0200
 Scan Step Time [s]: 0.7000
 Scan Type: Continuous
 Offset [$^{\circ}2\theta$.]: 0.0000
 Divergence Slit Type: Fixed
 Divergence Slit Size [$^{\circ}$]: 0.9570
 Specimen Length [mm]: 10.00
 Receiving Slit Size [mm]: 0.1000
 Measurement Temperature [$^{\circ}\text{C}$]: 25.00
 Anode Material: Cu
 K-Alpha1 [$\text{\AA}$]: 1.54060
 K-Alpha2 [$\text{\AA}$]: 1.54443
 K-Beta [$\text{\AA}$]: 1.39225
 K-A2 / K-A1 Ratio: 0.50000
 Generator Settings: 30 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.[%]
31.1691	12.83	0.4723	2.86957	5.04
37.0861	137.50	0.3936	2.42420	53.99
43.1298	180.48	0.5510	2.09747	70.87
44.4636	254.66	0.1574	2.03761	100.00
51.8070	72.67	0.2755	1.76474	28.54
59.1614	5.34	0.9446	1.56171	2.10
62.6379	68.92	0.5510	1.48314	27.06
65.1358	11.84	0.6298	1.43217	4.65
75.1549	18.77	0.9446	1.26418	7.37
76.2969	29.57	0.3936	1.24808	11.61
79.0709	13.72	1.1520	1.21011	5.39

Document History

Insert Measurement:

- File name = "C936.xrdml"
- Modification time = "7/1/2022 10:01:42 AM"
- 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 = "7/1/2022 10:01:42 AM"
- 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"