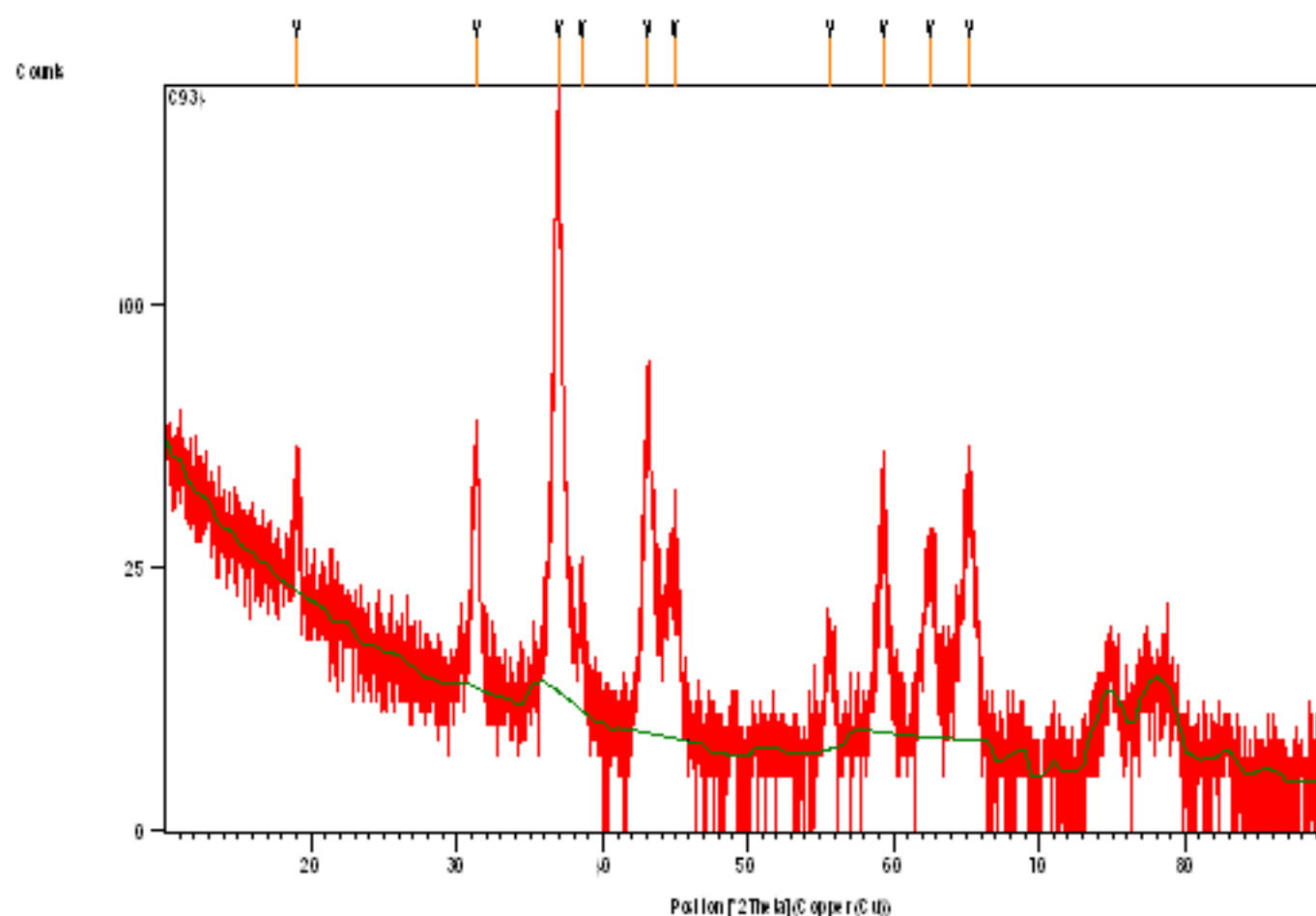


**Anchor Scan Parameters**

Dataset Name: C934  
 File name: E:\X'Pert Data\2022\June\30 Jun 2022\C934\C934.xrdml  
 Sample Identification: C934  
 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 12:07:30 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: 0000000011063758  
 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.[%] |
|-------------|-------------|-------------|--------------|-------------|
| 19.0216     | 27.90       | 0.3149      | 4.66574      | 15.42       |
| 31.2979     | 47.17       | 0.3149      | 2.85805      | 26.07       |
| 36.9518     | 180.95      | 0.2755      | 2.43270      | 100.00      |
| 38.5078     | 14.61       | 0.4723      | 2.33791      | 8.07        |
| 43.0440     | 66.44       | 0.3936      | 2.10145      | 36.72       |
| 44.8539     | 28.53       | 0.3936      | 2.02078      | 15.77       |
| 55.6574     | 9.78        | 0.4723      | 1.65143      | 5.40        |
| 59.3391     | 36.87       | 0.3936      | 1.55746      | 20.38       |
| 62.4942     | 21.89       | 0.7872      | 1.48620      | 12.10       |
| 65.2439     | 44.18       | 0.5760      | 1.42888      | 24.41       |

## Document History

### Insert Measurement:

- File name = "C934.xrdml"
- Modification time = "6/30/2022 4:02:11 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 = "6/30/2022 4:02:11 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"