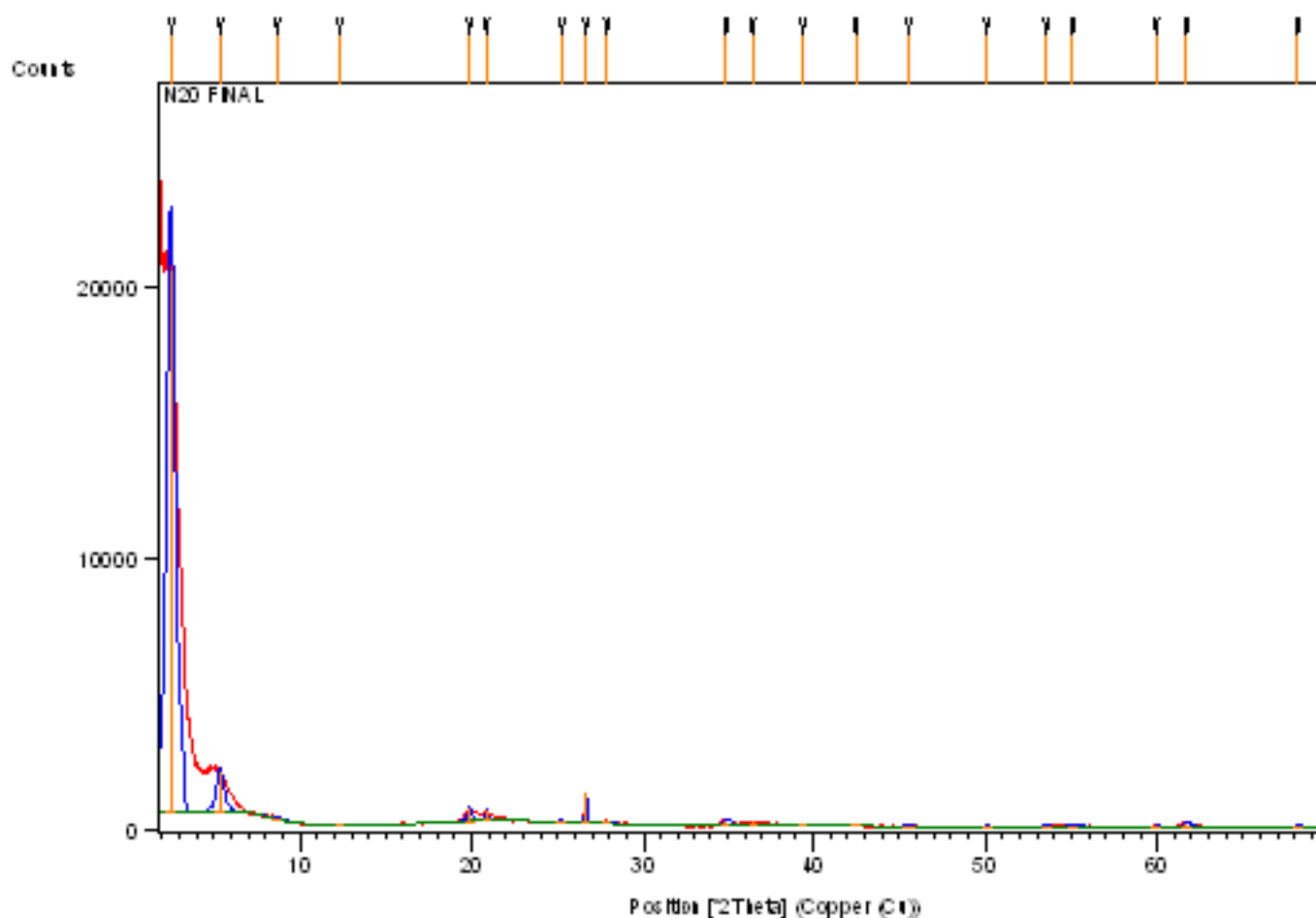


Anchor Scan Parameters

Dataset Name: N20 FINAL
File name: C:\X'Pert Data\Tesis Organoarcillas\optimizacion\N20 FINAL.xrdml
Comment: Configuration=Reflection-Transmission Spinner, Owner=User-1, Creation date=09/05/2008 10:30:26
Goniometer=Pw3050/60 (Theta/2Theta); Minimum step size 2Theta:0.001; Minimum step size Omega:0.001
Sample stage=Reflection-Transmission Spinner Pw3064/60; Minimum step size Phi:0.1
Diffractometer system=XPERT-PRO
Measurement program=arcillas andres 27, Owner=User-1, Creation date=23/04/2009 15:40:01

Measurement Date / Time: 17/06/2009 20:00:02
Operator: Escuela Superior
Raw Data Origin: XRD measurement (*.XRDML)
Scan Axis: Gonio
Start Position [$^{\circ}$ 2Th.]: 1.8100
End Position [$^{\circ}$ 2Th.]: 69.9900
Step Size [$^{\circ}$ 2Th.]: 0.0200
Scan Step Time [s]: 12.0000
Scan Type: Continuous
Offset [$^{\circ}$ 2Th.]: 0.0000
Divergence Slit Type: Fixed
Divergence Slit Size [$^{\circ}$]: 0.2393
Specimen Length [mm]: 10.00
Receiving Slit Size [mm]: 0.1000
Measurement Temperature [$^{\circ}$ C]: 25.00
Anode Material: Cu
K-Alpha1 [\AA]: 1.54060
K-Alpha2 [\AA]: 1.54443
K-Beta [\AA]: 1.39225
K-A2 / K-A1 Ratio: 0.50000
Generator Settings: 40 mA, 45 kV
Diffractometer Type: 0000000011040513
Diffractometer Number: 0
Goniometer Radius [mm]: 240.00
Dist. Focus-Diverg. Slit [mm]: 91.00
Incident Beam Monochromator: No
Spinning: Yes

Graphics

Peak List

Pos. [°2 θ .]	Height [cts]	FWHM [°2 θ .]	d-spacing [Å]	Rel. Int. [%]
2.5421	19994.56	0.5904	34.75488	100.00
5.3982	1481.78	0.4723	16.37130	7.41
8.6796	62.96	0.9446	10.18801	0.31
12.2925	41.72	0.4723	7.20053	0.21
19.8460	521.48	0.2755	4.47376	2.61
20.8600	407.90	0.1574	4.25853	2.04
25.2427	51.05	0.4723	3.52820	0.26
26.6289	1157.64	0.1378	3.34760	5.79
27.8956	90.43	0.3149	3.19840	0.45
34.9536	260.31	0.6298	2.56705	1.30
36.5013	188.06	0.1574	2.46169	0.94
39.4377	52.25	0.2362	2.28490	0.26
42.4547	54.39	0.2362	2.12925	0.27
45.5994	31.54	0.6298	1.98946	0.16
50.0974	95.90	0.2362	1.82088	0.48
53.5358	56.08	0.6298	1.71176	0.28
55.1305	60.65	0.9446	1.66596	0.30
59.9277	60.01	0.2755	1.54356	0.30
61.7378	171.63	0.4723	1.50258	0.86
68.1716	48.11	0.4800	1.37447	0.24

Document History

Insert Measurement:

- File name = "N2O FINAL.xrml"
- Modification time = "22/06/2009 13:37:24"
- Modification editor = "Escuela Superior"

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"
- Incident beam monochromator = "No"
- Dist. focus to div. slit = "91.00000"
- Irradiated length = "10.00000"
- Linear detector mode = "None"
- Length linear detector = "2"
- Step axis value = "0.00000"
- Offset = "0.00000"
- Sample length = "10.00000"
- Modification time = "22/06/2009 13:37:24"
- Modification editor = "Escuela Superior"

Search Peaks:

- Minimum significance = "2.00"
- Minimum tip width = "0.01"
- Maximum tip width = "1.00"
- Peak base width = "2.00"
- Method = "Minimum 2nd derivative"
- Modification time = "17/06/2009 20:05:14"
- Modification editor = "Escuela Superior"