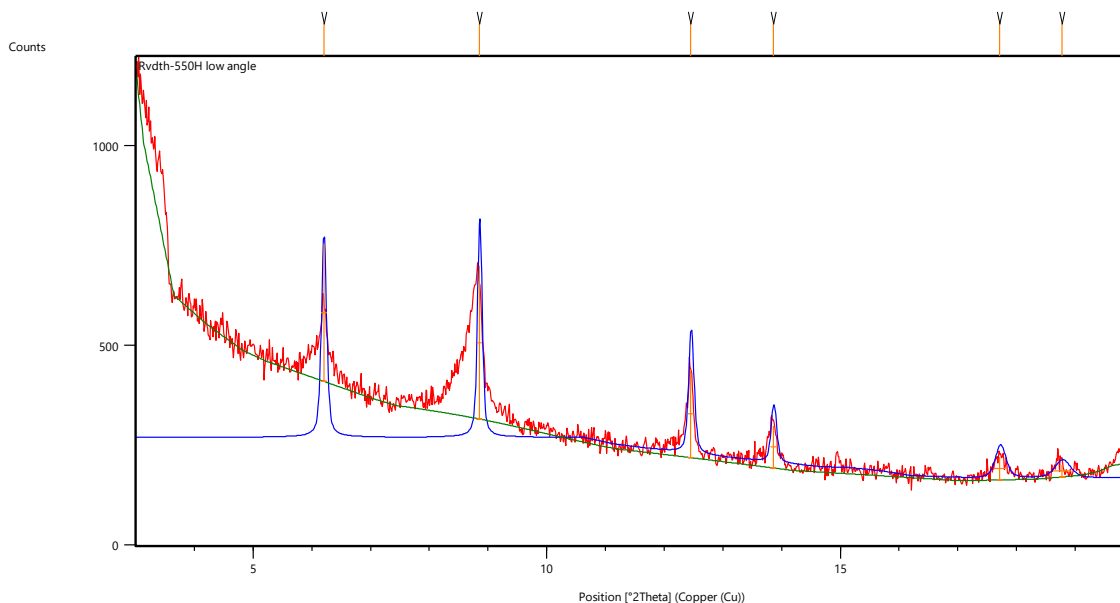


Measurement Conditions: (Bookmark 1)

Dataset Name Rvdth-550H low angle
File name I:\xrd methodsx slide\Rvdth-550H low angle.xrdml
Comment Configuration=Multi Purpose Sample Stage, Owner=User-1,
Creation date=3/27/2015 3:44:05 PM
Goniometer=PW3050/60 (Theta/Theta); Minimum step size
2Theta:0.001; Minimum step size Omega:0.001
Sample stage=Multi purpose sample stage; Minimum step size
Phi:2.5
Diffractometer system=XPERT-3
Measurement program=C:\PANalytical\Data
Collector\Programs\Clay Analysis_MPSS_Low Angle scan.xrdmp, Identifier={C0D22E41-
CCC3-4C43-A02D-89842CEF78D9}
Measurement Date / Time 31-05-2021 16:01:40
Operator User
Raw Data Origin XRD measurement (*.XRDML)
Scan Axis Gonio
Start Position [°2Th.] 3.0026
End Position [°2Th.] 19.9806
Step Size [°2Th.] 0.0130
Scan Step Time [s] 48.1950
Scan Type Continuous
PSD Mode Scanning
PSD Length [°2Th.] 3.35
Offset [°2Th.] 0.0000
Divergence Slit Type Fixed
Divergence Slit Size [°] 0.1089
Specimen Length [mm] 10.00
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 40 mA, 45 kV
Diffractometer Type 0000000011166139
Diffractometer Number 0
Goniometer Radius [mm] 240.00
Dist. Focus-Diverg. Slit [mm] 100.00
Incident Beam Monochromator No
Spinning No

Main Graphics, Analyze View: (Bookmark 2)



Peak List: (Bookmark 3)

Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
6.2033	345.49	0.1023	14.24813	90.20
8.8546	383.03	0.0895	9.98700	100.00
12.4535	222.00	0.1023	7.10779	57.96
13.8593	105.00	0.1023	6.38982	27.41
17.7168	57.48	0.2047	5.00631	15.01
18.7748	31.03	0.3070	4.72651	8.10

Insert Measurement:

- File name = "Rvdth-550H low angle.xrdml"
- Modification time = "03-06-2021 22:55:26"
- Modification editor = "GM"

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"
- Irradiated length = "10.00000"
- Spinner used = "No"
- Receiving slit size = "0.10000"
- Step axis value = "0.00000"
- Offset = "0.00000"