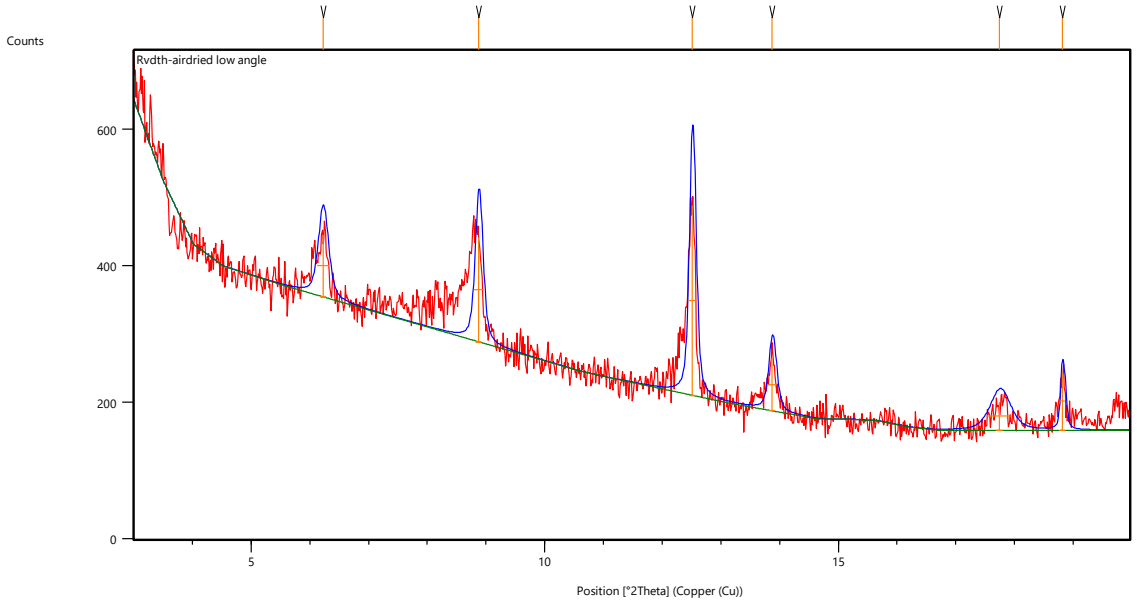
Measurement Conditions: (Bookmark 1)

Dataset Name	Rvdth-airdried low angle
File name	I:\xrd methodsx slide\Rvdth-airdried 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={B6415894-04C1-41CC-B99A-F5B48BD2606C}
Measurement Date / Time	31-05-2021 13:31:38
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. [%]
6.2278	90.94	0.2047	14.19219	32.67
8.8778	152.87	0.1535	9.96097	54.93
12.5136	278.31	0.1279	7.07381	100.00
13.8739	77.46	0.1535	6.38315	27.83
17.7479	41.13	0.4093	4.99761	14.78
18.8173	86.23	0.0768	4.71592	30.98

Pattern List: (Bookmark 4)

Document History: (Bookmark 5)

Insert Measurement:
- File name = "Rvdth-airdried low angle.xrdml"
- Modification time = "03-06-2021 22:53:44"
- 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"