

*** Basic Data Process ***

Group : Krasnov
Data : 8717

Strongest 3 peaks

no.	peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	4	30.0005	2.97616	100	0.25870	4972	30830
2	6	34.7713	2.57796	26	0.27980	1314	9738
3	9	49.9674	1.82380	24	0.37290	1211	10823

Peak Data List

peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	14.5500	6.08299	4	0.19360	223	1271
2	14.8695	5.95300	23	0.26210	1150	7438
3	28.6914	3.10891	18	0.25160	914	6779
4	30.0005	2.97616	100	0.25870	4972	30830
5	30.7500	2.90531	4	0.40000	175	5434
6	34.7713	2.57796	26	0.27980	1314	9738
7	38.0086	2.36550	17	0.29520	845	6391
8	45.6639	1.98516	4	0.27490	220	1834
9	49.9674	1.82380	24	0.37290	1211	10823
10	52.3877	1.74509	6	0.39630	280	3803
11	59.3395	1.55616	16	0.39060	798	6966
12	59.7500	1.54645	3	0.24120	174	1483
13	62.2722	1.48973	4	0.36810	202	2004

*** Basic Data Process ***

Data Information

Group : Krasnov
Data : 8717
Sample Nmae : Bi1.5 Sc0.5 O7_650_6h
Comment :
Date & Time : 05-03-18 15:53:52

Measurement Condition

X-ray tube
target : Cu
voltage : 30.0 (kV)
current : 30.0 (mA)
Slits
Auto Slit : not Used
divergence slit : 1.00000 (deg)
scatter slit : 1.00000 (deg)
receiving slit : 0.15000 (mm)
Scanning
drive axis : Theta-2Theta
scan range : 10.0000 - 100.0000 (deg)
scan mode : Continuous Scan
scan speed : 1.0000 (deg/min)
sampling pitch : 0.0500 (deg)
preset time : 3.00 (sec)

Data Process Condition

Smoothing [NO]
B.G.Subtruction [AUTO]
sampling points : 7
repeat times : 30
Kal-a2 Separate [MANUAL]
Kal a2 ratio : 50 (%)
Peak Search [MANUAL]
differential points : 7
FWHM threshold : 0.050 (deg)
intensity threshold : 30 (par mil)
FWHM ratio (n-1)/n : 2
System error Correction [NO]
Precise peak Correction [NO]

