

*** Basic Data Process ***

Group : Krasnov
Data : 8891

Strongest 3 peaks

no.	peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	9	29.9624	2.97986	100	0.29300	2431	20338
2	13	34.7058	2.58268	31	0.23950	744	4653
3	8	28.6711	3.11106	27	0.32750	658	7559

Peak Data List

peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	13.4488	6.57849	4	0.06950	103	225
2	14.9135	5.93553	23	0.33160	553	5083
3	15.8487	5.58733	3	0.07280	81	200
4	20.4520	4.33895	4	0.07220	90	226
5	24.4464	3.63829	4	0.26180	99	855
6	27.4995	3.24089	5	0.06050	124	391
7	27.8456	3.20139	6	0.08200	158	481
8	28.6711	3.11106	27	0.32750	658	7559
9	29.9624	2.97986	100	0.29300	2431	20338
10	31.2000	2.86442	5	0.00000	126	0
11	31.8498	2.80745	5	0.07420	125	391
12	32.3079	2.76868	3	0.06580	80	387
13	34.7058	2.58268	31	0.23950	744	4653
14	37.9277	2.37036	18	0.20920	435	2599
15	45.5357	1.99045	5	0.20090	132	1007
16	48.1922	1.88675	3	0.07490	76	183
17	49.8088	1.82923	26	0.28550	641	5244
18	52.3211	1.74716	8	0.50610	188	2636
19	52.8619	1.73055	5	0.17300	119	656
20	56.0718	1.63885	3	0.15120	74	679
21	58.1033	1.58629	3	0.05790	80	193
22	58.3500	1.58017	3	0.06120	76	408
23	59.1074	1.56172	19	0.31480	457	4025
24	61.9733	1.49620	4	0.34660	97	1045
25	71.1030	1.32483	4	0.05550	97	133
26	72.9457	1.29584	4	0.14310	94	541
27	75.5404	1.25764	3	0.06920	76	148
28	78.5353	1.21701	3	0.13440	80	458
29	80.4808	1.19242	6	0.11880	141	795
30	81.1885	1.18381	5	0.24790	113	1338
31	81.9450	1.17478	5	0.09200	118	542
32	83.0026	1.16248	5	0.08890	132	336
33	83.5563	1.15618	5	0.08730	124	467
34	87.9326	1.10957	3	0.10130	73	227
35	88.4930	1.10398	3	0.06400	78	218
36	89.5450	1.09372	5	0.06370	112	191
37	91.8487	1.07221	5	0.05530	113	202
38	93.4176	1.05828	3	0.32680	83	1048
39	94.6972	1.04733	3	0.06290	79	164
40	95.1321	1.04369	3	0.11420	81	437
41	95.7670	1.03844	4	0.09740	91	476
42	96.4936	1.03255	3	0.08480	82	204

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Data Information

Group : Krasnov
Data : 8891
Sample Nmae : 1
Comment :
Date & Time : 10-11-18 15:38:48

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 : 9
repeat times : 30
Kal-a2 Separate [MANUAL]
Kal a2 ratio : 50 (%)
Peak Search [MANUAL]
differential points : 17
FWHM threshold : 0.050 (deg)
intensity threshold : 30 (par mil)
FWHM ratio (n-1)/n : 2
System error Correction [NO]
Precise peak Correction [NO]

