

*** Basic Data Process ***

Group : Krasnov
Data : 9068

Strongest 3 peaks

no.	peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	3	29.9956	2.97664	100	0.18670	9360	39977
2	8	49.9426	1.82465	28	0.21760	2618	13593
3	5	34.7650	2.57842	26	0.20780	2473	12459

Peak Data List

peak no.	2Theta (deg)	d (Å)	I/I1	FWHM (deg)	Intensity (Counts)	Integrated Int (Counts)
1	14.8927	5.94377	24	0.20240	2239	12151
2	28.6894	3.10912	20	0.18880	1859	9303
3	29.9956	2.97664	100	0.18670	9360	39977
4	30.4000	2.93795	2	0.14460	213	2499
5	34.7650	2.57842	26	0.20780	2473	12459
6	37.9824	2.36707	17	0.19940	1609	7987
7	45.6479	1.98582	5	0.22020	430	2677
8	49.9426	1.82465	28	0.21760	2618	13593
9	52.3920	1.74496	5	0.25920	446	3365
10	59.3274	1.55645	18	0.23190	1687	9341
11	62.2488	1.49024	4	0.24150	389	2530
12	73.2654	1.29097	2	0.16570	197	996
13	81.1014	1.18486	3	0.26860	288	2398
14	83.6536	1.15508	2	0.26940	220	1757

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Data Information

Group : Krasnov
Data : 9068
Sample Name : Bi1.5 Ti2 O7-d
Comment :
Date & Time : 01-24-19 14:09:37

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.Subtraction [AUTO]
sampling points : 5
repeat times : 30
Kal-a2 Separate [MANUAL]
Kal a2 ratio : 50 (%)
Peak Search [MANUAL]
differential points : 7
FWHM threshold : 0.050 (deg)
intensity threshold : 20 (par mil)
FWHM ratio (n-1)/n : 2
System error Correction [NO]
Precise peak Correction [NO]

