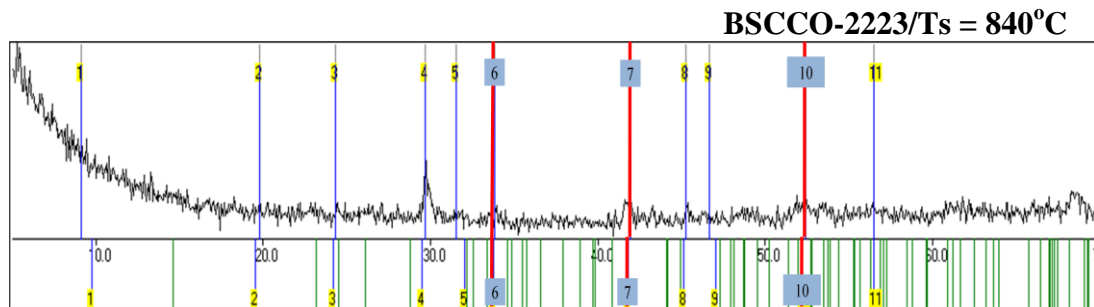


LAMPIRAN B



	2delta(T)	Lambda	a	b	c	alpha	beta	gamma
Initial	0	154.180	53.718	55.679	363.347	90.000	90.000	90.000
Final	0	0	80.000	197.946	197.946	19.545	0.25	1.000
Sigmas	0	154.180	120.000	296.602	296.602	29.500	0.161	1.000

No	H	K	L	2T(Obs)	2T-Zero	2Th(Cal)	Dif	DoCor.	DCalc	Intensitas
1	0	0	4	9.095	9.095	9.737	-0.641	97.228	90.837	119
2	0	0	8	19.795	19.795	19.545	0.25	44.850	45.418	44
3	1	1	3	24.308	24.308	24.165	0.143	36.616	36.828	27
4	0	0	12	29.660	29.660	29.500	0.161	30.119	30.279	77
5	1	1	9	31.530	31.530	32.054	-0.524	28.374	27.922	27
6	2	0	2	33.850	33.850	33.732	0.118	26.481	26.570	39**
7	2	0	10	41.909	41.909	41.822	0.086	21.556	21.599	50*
8	2	0	12	45.262	45.262	45.122	0.14	20.034	20.093	45
9	2	2	0	46.680	46.680	47.009	-0.328	19.458	19.330	37
10	1	3	1	52.417	52.417	52.204	0.213	17.455	17.522	65**
11	2	2	12	56.480	56.480	56.479	0.002	16.292	16.293	45

Intensitas Impuritas

* : Impuritas ber-hkl 2212

** : Impuritas ber-hkl

Panah : Impuritas tidak ber-hkl

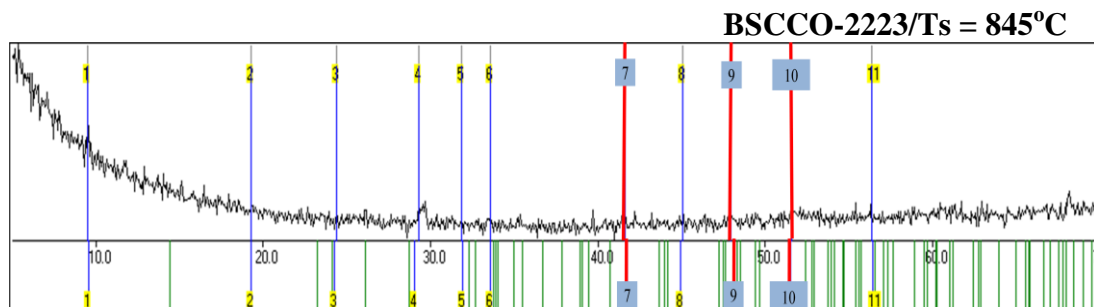
Hasil Perhitungan Fase BSCCO-2223 yang terbentuk						
I-2223	I-2223 (001)	I-Total	Fraksi Volume (%)	Impuritas		Derajat Orientasi (%)
				2212 (%)	Lain (%)	
421	240	575	73,22	8,69	18,09	57,01

Keterangan:

I-2223 : Intensitas fase 2223

I-2223(001) : Intensitas fase 2223 dengan bilangan l genap

I-Total : Intensitas total



	2delta(T)	Lambda	a	b	c	alpha	beta	gamma
Initial	0	154.180	53.438	55.463	369.117	90.000	90.000	90.000
Final	0	0	80.000	192.811	192.811	19.236	0.045	1.000
Sigmas	0	154.180	120.000	292.723	292.723	29.028	0.244	1.000

No	H	K	L	2T(Obs)	2T-Zero	2Th(Cal)	Dif	DoCor.	DCalc	Intensitas
1	0	0	4	9.482	9.482	9.584	-0.102	93.270	92.280	141
2	0	0	8	19.281	19.281	19.236	0.045	46.033	46.140	47
3	1	1	3	24.372	24.372	24.233	0.14	36.520	36.728	37
4	0	0	12	29.272	29.272	29.028	0.244	30.509	30.760	41
5	1	1	9	31.852	31.852	31.889	-0.036	28.094	28.063	32
6	2	0	0	33.592	33.592	33.539	0.053	26.678	26.719	26
7	2	0	10	41.587	41.587	41.731	-0.145	21.716	21.644	50*
8	2	0	12	45.068	45.068	44.937	0.132	20.116	20.172	33
9	1	1	17	47.905	47.905	48.116	-0.211	18.989	18.910	33**
10	0	2	16	51.580	51.580	51.529	0.051	17.719	17.735	39**
11	2	2	12	56.351	56.351	56.404	-0.052	16.326	16.313	39

Intensitas Impuritas

* : Impuritas ber-hkl 2212

** : Impuritas ber-hkl

Panah : Impuritas tidak ber-hkl

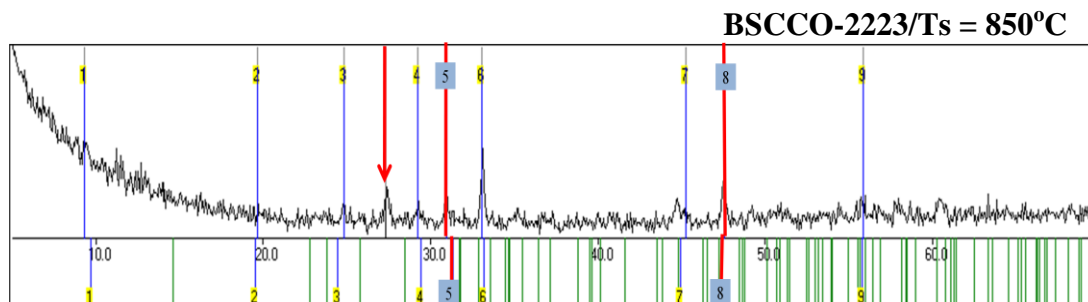
Hasil Perhitungan Fase BSCCO-2223 yang terbentuk						
I-2223	I-2223 (001)	I-Total	Fraksi Volume (%)	Impuritas		Derajat Orientasi (%)
				2212 (%)	Lain (%)	
396	229	518	76,45	9,65	13,89	57,83

Keterangan:

I-2223 : Intensitas fase 2223

I-2223(001) : Intensitas fase 2223 dengan bilangan l genap

I-Total : Intensitas total



	2delta(T)	Lambda	a	b	c	alpha	beta	gamma
Initial	0	154.180	53.757	57.540	363.097	90.000	90.000	90.000
Final	0	0	80.000	196.679	196.679	19.558	0.11	0
Sigmas	0	154.180	120.000	292.089	292.089	29.520	-0.312	0

No	H	K	L	2T(Obs)	2T-Zero	2Th(Cal)	Dif	DoCor.	DCalc	Intensitas
1	0	0	4	9.289	9.289	9.743	-0.455	95.207	90.774	148
2	0	0	8	19.668	19.668	19.558	0.11	45.137	45.387	54
3	0	0	10	24.824	24.824	24.516	0.308	35.866	36.310	59
4	0	0	12	29.209	29.209	29.521	-0.312	30.574	30.258	61
5	0	2	0	30.949	30.949	31.085	-0.136	28.894	28.770	61**
6	2	0	0	33.077	33.077	33.334	-0.257	27.082	26.878	133
7	2	0	12	45.262	45.262	45.117	0.145	20.034	20.095	47
8	2	2	4	47.519	47.519	47.355	0.164	19.134	19.196	85**
9	2	2	12	55.836	55.836	55.801	0.034	16.465	16.474	66

Intensitas Impuritas

* : Impuritas ber-hkl 2212

** : Impuritas ber-hkl

Panah : Impuritas tidak ber-hkl

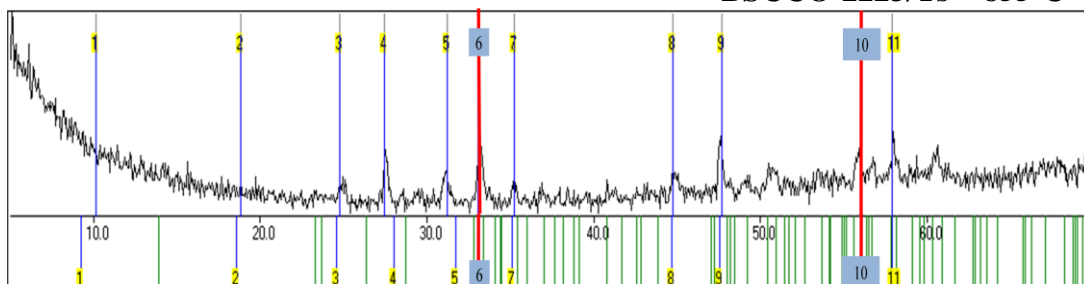
Hasil Perhitungan Fase BSCCO-2223 yang terbentuk						
I-2223	I-2223 (001)	I-Total	Fraksi Volume (%)	Impuritas		Derajat Orientasi (%)
				2212 (%)	Lain (%)	
568	322	714	79,55	-	20,45	56,69

Keterangan:

I-2223 : Intensitas fase 2223

I-2223(001) : Intensitas fase 2223 dengan bilangan l genap

I-Total : Intensitas total

BSCCO-2223/T_s = 855°C

	2delta(T)	Lambda	a	b	c	alpha	beta	gamma
Initial	0	154.180	52.585	54.244	382.436	90.000	90.000	90.000
Final	0	0	80.000	188.298	188.298	18.560	0.27	1.000
Sigmas	0	154.180	120.000	274.683	274.683	27.996	-0.528	1.000

No	H	K	L	2T(Obs)	2T-Zero	2Th(Cal)	Dif	DoCor.	DCalc	Intensitas
1	0	0	4	10.127	10.127	9.250	0.877	87.346	95.609	127
2	0	0	8	18.830	18.830	18.560	0.27	47.126	47.804	61
3	1	1	3	24.761	24.761	24.590	0.171	35.956	36.202	45
4	0	0	12	27.468	27.468	27.996	-0.528	32.470	31.870	81
5	1	1	9	31.207	31.207	31.702	-0.494	28.660	28.224	62
6	0	2	0	33.076	33.076	33.026	0.05	27.082	27.122	87**
7	1	1	11	35.204	35.204	35.086	0.118	25.493	25.575	41
8	2	0	12	44.745	44.745	44.680	0.065	20.253	20.281	69
9	0	0	20	47.646	47.646	47.551	0.096	19.086	19.122	85
10	1	1	21	56.029	56.029	56.066	-0.037	16.413	16.403	77**
11	0	0	24	57.899	57.899	57.866	0.033	15.926	15.935	103

Intensitas Impuritas

* : Impuritas ber-hkl 2212

** : Impuritas ber-hkl

Panah : Impuritas tidak ber-hkl

Hasil Perhitungan Fase BSCCO-2223 yang terbentuk						
I-2223	I-2223 (001)	I-Total	Fraksi Volume (%)	Impuritas		Derajat Orientasi (%)
				2212 (%)	Lain (%)	
674	457	838	80,43	-	19,57	67,80

Keterangan:

I-2223 : Intensitas fase 2223

I-2223(001) : Intensitas fase 2223 dengan bilangan l genap

I-Total : Intensitas total