

48-0051

Wavelength= 1.5418

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				d(A)	Int	h	k	l	d(A)	Int	h	k	l
CeAlO3													
Aluminum Cerium Oxide				3.79	30	0	0	1	1.0107	5	2	1	3
				3.762	58	1	0	0	1.0079	7	3	1	2
				2.6706	100	1	0	1	1.0063	7	3	2	1
				2.6610	55	1	1	0	.9479	1	0	0	4
				2.1781	54	1	1	1	.9408	2	4	0	0
Rad.: CuK α	λ : 1.5418	Filter:	d-sp: Diff.	1.8957	17	0	0	2	.9192	1	1	0	4
Cut off:	Int.: Diffract.		I/Icor.:	1.8816	41	2	0	0	.9164	2	2	2	3
Ref: Tas, A., Middle East Technical Univ., Ankara, Turkey, Private Communication, (1996)				1.6931	10	1	0	2	.9143	3	3	2	2
				1.6847	16	2	0	1	.9130	3	4	0	1
				1.5444	18	1	1	2					
				1.5383	36	2	1	1					
Sys.: Tetragonal		S.G.: P4/* (83)		1.3357	12	2	0	2					
a: 3.7630(1)	b:	c: 3.7919(2)	A:	1.3303	8	2	2	0					
			C: 1.0077	1.2587	6	2	1	2					
α :	β :	γ :	Z: 1	1.2553	6	2	2	1					
Ref: Ibid.			mp:	1.1984	7	1	0	3					
				1.1908	11	3	0	1					
				1.1418	3	1	1	3					
Dx: 6.652	Dm: 6.550	SS/FOM: F ₃₀ - 121(.0073 . 34)		1.1354	8	3	1	1					
				1.0891	5	2	2	2					
				1.0492	1	2	0	3					
				1.0461	2	3	0	2					
Silicon used as an external stand. PSC: tP5. To replace 21-175.				1.0437	2	3	2	0					
Mwt: 215.10. Volume[CD]: 53.69.													