

TABLE VII. β -Ga₂O₃ powder data (CuK α radiation).

hkl	d _c	d _o	l _c	Σl _c	l _o	hkl	d _c	d _o	l _c	Σl _c	l _o	hkl	d _c	d _o	l _c	Σl _c	l _o						
200	5.942	-	0.0	0.0	-	222	1.275	-	0.6	1.3	-	330	0.982	-	0.1	0.1	-	12,2,1	0.845	0.845	1.4	1.4	W
001	5.635	5.62	1.6	1.6	VW	224	1.275	-	0.7	1.3	-	405	0.980	-	0.0	0.0	-	731	0.845	0.843	0.5	1.2	W
201	4.679	4.67	3.8	3.8	W	114	1.243	-	0.1	0.4	-	331	0.977	0.976	0.5	1.8	VW	10,2,2	0.843	0.843	0.5	1.7	W
201	3.677	3.65	2.0	2.0	VW	514	1.243	-	0.2	0.4	-	12,0,3	0.977	0.977	1.3	1.8	VW	12,2,2	0.842	0.842	0.5	1.2	W
400	2.971	2.95	21.7	22.8	VS	917	1.241	-	0.1	0.1	-	315	0.969	-	0.6	0.6	-	406	0.840	-	0.1	0.1	-
110	2.945	2.95	1.1	22.8	VS	603	1.226	1.223	1.9	2.1	W	11,1,1	0.965	-	0.5	0.5	-	10,0,6	0.840	-	0.0	0.0	-
401	2.930	2.92	26.1	26.1	VS	10,0,T	1.223	-	0.2	2.1	W	205	0.964	0.964	1.3	2.1	W	13,1,1	0.837	0.835	2.9	4.0	M-S, Br.
002	2.817	2.81	18.0	45.5	VVS	513	1.217	-	0.4	1.2	-	405	0.963	-	0.3	0.3	-	315	0.835	0.835	5.1	5.1	-
202	2.817	2.81	18.0	45.5	VVS	621	1.215	-	0.8	1.2	-	331	0.958	-	0.4	0.5	-	914	0.833	0.834	2.1	2.6	W, Br.
111	2.675	2.66	12.7	12.7	W-M	712	1.212	-	0.1	1.0	VW, Br.	132	0.957	-	0.1	0.5	-	13,1,4	0.833	0.833	0.5	2.6	W, Br.
111	2.549	2.536	50.2	50.2	VVS	912	1.212	1.209	0.0	1.0	VW, Br.	623	0.954	0.952	2.1	2.3	W	12,2,0	0.830	-	2.3	2.3	-
310	2.412	-	0.2	0.2	-	910	1.211	-	0.9	1.0	VW, Br.	10,2,T	0.953	-	0.2	2.3	W	733	0.829	0.829	0.4	3.1	W-M
401	2.403	2.390	17.7	17.7	M-S	620	1.206	-	0.2	0.2	-	132	0.944	0.945	0.3	1.1	VW	134	0.829	-	0.0	0.4	-
311	2.343	29.1	1.1	31.8	S	802	1.202	-	0.0	0.2	-	332	0.944	0.945	0.8	0.8	-	334	0.829	-	0.4	0.4	-
202	2.340	2.332	1.1	31.8	S	10,0,Z	1.201	-	0.0	0.0	-	822	0.943	0.943	0.0	0.0	-	407	0.828	-	0.1	0.1	-
402	2.340	1.6	-	-	-	223	1.193	-	0.2	0.2	-	10,2,Z	0.943	0.943	0.0	0.0	-	207	0.824	-	0.0	0.1	-
311	2.109	2.100	4.5	8.2	W-M	10,0,0	1.188	-	0.0	0.0	-	006	0.939	-	0.1	0.1	-	425	0.823	-	0.1	0.1	-
112	2.098	3.7	-	-	-	023	1.182	-	0.0	0.0	-	606	0.939	-	0.2	0.2	-	12,2,3	0.822	-	0.4	0.5	-
601	2.024	2.014	2.4	2.4	W	422	1.171	1.0	1.0	1.6	W, Br.	12,0,1	0.938	0.937	0.3	1.8	W	11,1,3	0.821	-	0.1	0.1	-
600	1.980	1.5	-	-	-	622	1.171	1.168	0.4	1.6	W, Br.	10,2,0	0.936	-	0.0	0.0	-	715	0.819	-	0.1	0.1	-
112	1.979	1.971	3.4	13.1	M	404	1.170	-	0.1	1.6	W, Br.	10,0,5	0.936	-	1.2	1.2	-	10,0,4	0.818	0.818	1.9	1.9	W
312	1.978	8.2	-	-	-	804	1.170	-	0.1	0.6	-	531	0.934	-	0.1	0.1	-	14,0,4	0.818	0.817	2.7	3.4	W†
203	1.927	-	0.3	0.3	-	423	1.159	-	0.6	0.6	-	915	0.932	-	0.0	0.0	-	607	0.816	0.816	0.7	0.7	-
511	1.885	1.1	-	-	-	205	1.159	-	0.0	0.6	-	530	0.932	-	0.6	0.6	-	225	0.814	0.814	3.9	4.9	W-M†
003	1.878	-	0.0	1.1	-	405	1.148	-	0.1	0.6	-	913	0.930	0.929	1.0	2.9	W, Br.	425	0.814	0.814	1.0	1.0	-
510	1.872	1.865	4.8	4.8	M	314	1.147	1.146	0.9	4.2	W-M	714	0.930	-	0.4	0.4	-	124	0.813	-	0.2	0.6	-
402	1.838	1.831	2.5	3.4	W	714	1.146	1.146	2.8	4.2	W-M	824	0.927	-	0.1	0.1	-	534	0.813	-	0.3	0.6	-
602	1.838	1.831	0.9	3.4	W	621	1.146	-	0.4	0.4	-	424	0.927	-	0.0	0.1	-	931	0.812	-	0.1	0.1	-
403	1.791	1.788	1.6	1.6	VW	913	1.136	-	0.0	0.0	-	824	0.927	-	0.1	0.1	-	14,0,1	0.811	-	0.0	0.1	-
601	1.744	1.736	1.0	1.0	VW	911	1.134	1.132	0.6	1.9	W	225	0.921	-	0.0	0.0	-	805	0.810	-	0.1	0.1	-
312	1.714	-	0.0	0.1	-	10,0,3	1.132	1.132	1.3	1.9	W	316	0.921	-	0.0	0.0	-	533	0.806	-	0.4	0.6	-
512	1.714	-	0.1	0.1	-	223	1.127	-	0.9	0.9	-	804	0.919	-	0.0	0.0	-	007	0.805	-	0.2	0.6	-
511	1.685	1.677	2.8	4.7	W-M	005	1.127	-	0.0	0.9	-	12,0,4	0.919	-	0.0	0.0	-	732	0.804	-	0.1	0.1	-
203	1.680	1.677	1.9	4.7	W-M	10,0,1	1.111	-	0.1	0.1	-	425	0.916	-	0.1	0.1	-	932	0.804	-	0.0	0.7	-
113	1.628	1.622	1.4	1.4	VW	605	1.098	1.098	1.7	1.7	W	10,0,3	0.911	-	0.6	0.6	-	930	0.804	-	0.8	0.8	-
313	1.598	1.595	13.2	13.2	M-S	623	1.089	1.086	2.2	2.2	VW	332	0.911	-	0.0	0.0	-	12,0,3	0.801	-	0.2	0.5	-
603	1.560	1.559	3.7	3.7	W	315	1.083	-	1.0	1.0	-	532	0.911	0.910	0.0	3.8	W, Br.	026	0.800	-	0.2	0.5	-
113	1.543	1.539	11.8	11.8	M	821	1.077	1.075	3.6	5.7	W-M, Br.	115	0.910	-	1.3	1.3	-	317	0.800	-	0.1	0.1	-
801	1.528	1.525	5.9	16.4	M-S, Br.	115	1.074	1.075	2.1	5.7	W-M, Br.	531	0.906	-	0.5	0.5	-	625	0.799	0.798	0.9	6.8	M
020	1.520	10.5	-	-	-	820	1.062	1.061	1.0	1.0	VW	025	0.905	-	0.0	0.0	-	10,2,1	0.798	0.798	1.4	6.8	M
711	1.512	-	0.2	0.2	-	713	1.062	-	1.0	1.0	VW	133	0.897	-	0.3	0.3	-	10,2,5	0.797	-	6.3	6.3	-
800	1.485	1.479	0.2	3.5	W-M	515	1.057	-	1.0	1.1	-	10,2,1	0.897	-	0.2	0.2	-	517	0.795	0.796	4.9	4.9	W†
710	1.482	3.3	-	-	-	622	1.055	-	0.1	1.1	-	13,1,1	0.896	-	0.3	0.3	-	807	0.790	0.789	1.5	9.8	M
220	1.473	0.0	-	-	-	822	1.055	-	0.0	0.0	-	11,1,2	0.896	0.895	0.6	1.8	VW, Br.	117	0.788	-	8.1	9.8	M
513	1.470	0.1	-	-	-	803	1.050	1.048	0.5	5.6	M	206	0.896	-	0.2	0.2	-	13,1,2	0.787	-	0.3	0.3	-
021	1.468	-	0.0	0.2	-	224	1.049	-	5.1	5.6	M	806	0.895	-	0.0	0.0	-	15,1,2	0.787	-	0.0	0.3	-
602	1.465	0.1	-	-	-	423	1.046	-	0.7	0.7	-	515	0.895	-	0.1	0.1	-	824	0.787	-	0.0	0.0	-
802	1.465	0.0	-	-	-	11,1,T	1.043	1.043	1.3	1.3	VW	605	0.893	-	1.8	1.8	-	12,2,4	0.786	-	0.2	0.2	-
204	1.450	1.449	7.9	7.9	M	604	1.038	-	0.0	0.2	-	337	0.892	0.892	2.7	7.3	M, Br.	334	0.786	-	0.0	0.0	-
221	1.446	-	0.2	0.2	-	10,0,W	1.037	-	0.2	0.2	-	625	0.890	-	2.7	2.7	-	133	0.882	-	2.9	2.9	-
403	1.441	1.0	-	-	-	514	1.037	-	2.5	2.5	-	116	0.880	0.880	0.1	3.3	W	715	0.880	-	0.3	0.3	-
512	1.440	1.436	14.9	31.9	VS	915	1.035	-	1.3	1.3	-	731	0.876	-	0.1	0.2	-	731	0.876	-	0.1	0.2	-
712	1.440	16.0	-	-	-	912	1.034	-	2.7	2.7	-	13,1,0	0.875	-	0.1	0.2	-	13,1,3	0.873	-	0.3	0.3	-
004	1.409	0.2	-	-	-	11,1,Z	1.034	1.033	2.1	10.0	M-S, Br.	13,1,3	0.873	-	0.3	0.3	-	12,0,2	0.872	-	1.0	1.0	-
404	1.409	0.1	0.4	-	-	024	1.033	-	0.1	0.1	-	14,0,2	0.872	0.870	1.9	4.7	M	225	0.871	-	0.0	0.0	-
221	1.405	0.1	-	-	-	424	1.033	-	0.1	0.1	-	14,0,T	0.870	-	0.0	0.0	-	730	0.870	-	1.0	1.0	-
313	1.388	-	0.4	0.4	-	115	1.033	-	1.2	1.2	-	533	0.868	-	0.0	0.0	-	533	0.868	-	0.0	0.0	-
711	1.366	-	0.0	0.0	-	805	1.022	-	0.1	0.1	-	823	0.864	-	1.0	1.0	-	532	0.861	0.861	4.7	9.8	M-S, Br.
801	1.359	3.5	-	-	-	11,1,0	1.018	1.015	0.5	1.1	VW	732	0.861	-	5.1	5.1	-	624	0.857	-	0.0	0.0	-
420	1.353	1.355	1.7	9.2	M, Br.	12,0,T	1.017	-	0.6	1.1	VW	10,2,1	0.857	-	0.4	0.8	-	10,2,5	0.850	-	0.0	0.4	-
421	1.349	4.0	-	-	-	821	1.013	-	2.9	2.9	-	11,1,5	0.856	-	0.4	0.4	-	14,0,0	0.849	-	0.0	0.4	-
022	1.338	1.336	2.4	5.6	W-M	10,0,2	1.012	1.011	0.2	3.6	W	14,0,3	0.853	-	0.5	0.5	-	12,0,5	0.850	-	0.0	0.4	-
222	1.338	3.1	-	-	-	12,0,Z	1.012	-	0.5	3.6													