

La_{0.8}Sr_{0.2}Ga_{0.8}Zn_{0.2}(OH(CO₃))_{1.867}·H₂O

Orthorhombic

Pbnm (62)

a = 0.85932, b = 0.74085, c = 0.50498 nm

Ref: A. C. Tas *et al.*, J. Am. Ceram. Soc., 85(6), 1414-1420 (2002)

<i>hkl</i>	d_{calc}	d_{obs}	I/I_0
110	5.6111	5.612	100
101	4.3537	4.354	47
200	4.2966	4.298	66
011	4.1727	4.171	13
111	3.7535	3.755	43
210	3.7168	3.716	94
120	3.4016	3.4014	89
211	2.9933	2.9932	74
021	2.9868	2.9869	70
220	2.8055	2.8051	16
310	2.6717	2.6714	58
002	2.5249	2.5250	19
221	2.4525	2.4521	16
130	2.3734	2.3736	48
311	2.3615	2.3619	44
320	2.2660	2.2656	5
400	2.1483	2.1484	17
131	2.1480	2.1479	20
230	2.1410	2.1414	16
212	2.0886	2.0889	19
022	2.0863	2.0867	18
410	2.0633	2.0631	19
122	2.0274	2.0273	14
231	1.9712	1.9710	20
411	1.9100	1.9101	8
222	1.8768	1.8766	34
040	1.8521	1.8523	8