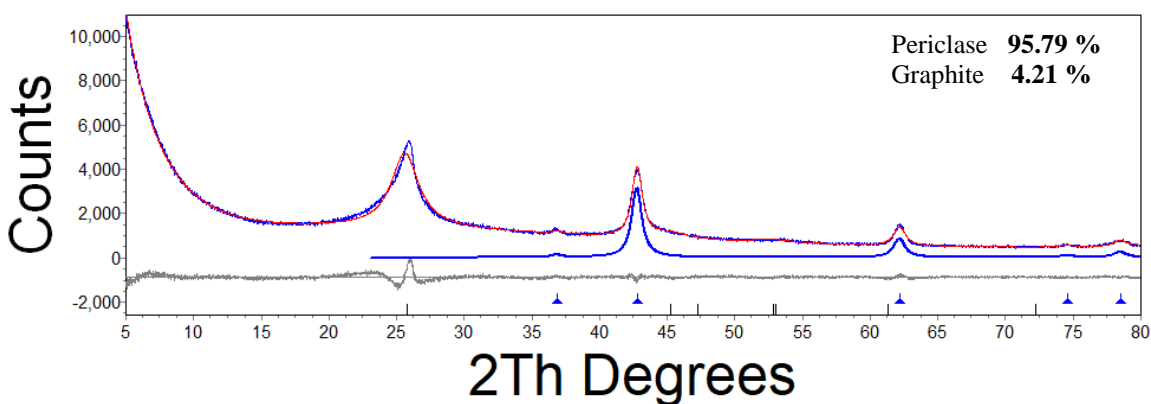


Rietveld Refinement of FLG/MgO

Rietveld refinement parameters of FLG/MgO

Structure	FLG	MgO
Evaluated Lattice parameters	a = 2.311(3) Å c = 6.904(0) Å	a = 4.217(6) Å
Average Crystallite size (Lorentzian)	6.8 nm	11.0 nm
Strain L	5.000	0.0001
R-Bragg	0.062	0.257
Wt%-Rietveld	4.21	95.79
Space group	P63/mmc (194)	Fm-3m (225)
JCPDS file Number	JCPDS # 3-65-6212	JCPDS # 1-75-447
Lattice parameters	a = 2.4640 Å c = 6.7110	a = 4.220 Å



h	k	l	m	d	2th	F ²
1	1	1	8	2.43504	36.88337	9.860
0	0	2	6	2.10880	42.84928	381.519
0	2	2	12	1.49115	62.20623	259.303
3	1	1	24	1.27166	74.56474	48.068
2	2	2	8	1.21752	78.49604	133.782