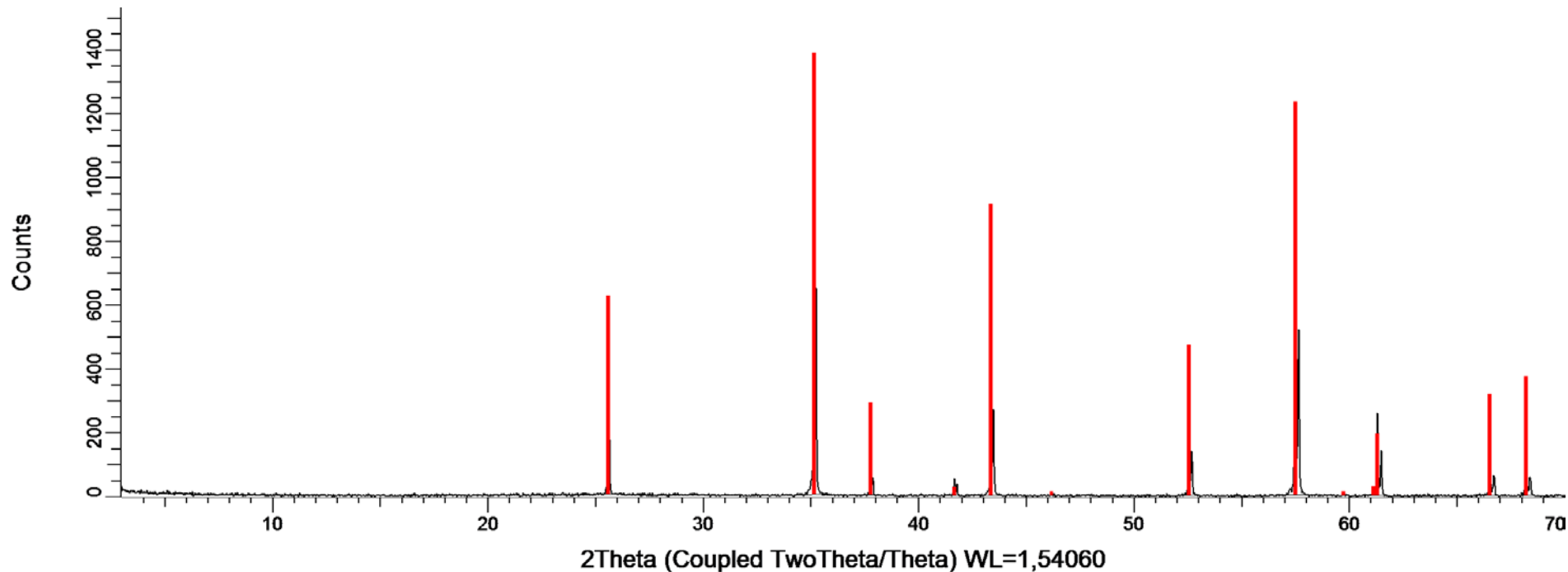


PATRÓN DE CORINDÓN 13-03-17



 CORINDON 13-03-17. Barrido tipo Θ - Θ con monocromador de grafito. Rango: 3 a 70 °2 Θ . Paso: 0,03. Tiempo por paso: 1 seg. Detector: Centelleo.

 Patrón de Corindón. Trigonal – a 4.7588770 - c 12.992877 – R-3c (167) – Z 6 – V 254.81

30 de marzo de 2017

Corindon D8I-90 con monocromador 13-03-17

R-Values

Rwp : 32.30 GOF : 1.18

Primary radius (mm)	250
Secondary radius (mm)	250
Receiving slit width (mm)	0.2
FDS angle (°)	0.5
Beam spill, Sample length (mm)	25.4
Intensity not corrected	
Full Axial Convolution	
Filament length (mm)	12
Sample length (mm)	25.4
Receiving Slit length (mm)	12
Primary Sollers (°)	2.5
Secondary Sollers (°)	2.5

Corrections

LP Factor 26.4

hkl Phase - 1 Le Bail method

Phase name	Corindon
R-Bragg	2.369
Spacegroup	r-3c
Cell Volume (Å ³)	254.829(11)

Lattice parameters

a (Å)	4.75891(9)	4.758877(113)
c (Å)	12.9928(3)	12.992877(164)

SRM 1976a Certificate

h	k	l	m	d	Th2	I
0	1	2	6	3.48010	25.57593	1.12
1	0	4	6	2.55111	35.14910	8.87
1	1	0	6	2.37945	37.77716	0.827
0	0	6	2	2.16547	41.67503	0.526
1	1	3	12	2.08544	43.35357	5.18
2	0	2	6	1.96422	46.17856	0.0503
0	2	4	6	1.74005	52.55094	4.82
1	1	6	12	1.60154	57.49812	22.3
2	1	1	12	1.54664	59.74152	0.171
1	2	2	12	1.51478	61.13075	0.236
0	1	8	6	1.51101	61.29975	6.25
2	1	4	12	1.40456	66.51836	4.64
0	3	0	6	1.37378	68.21049	4.79
1	2	5	12	1.33605	70.41608	14.4

30 de marzo de 2017

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