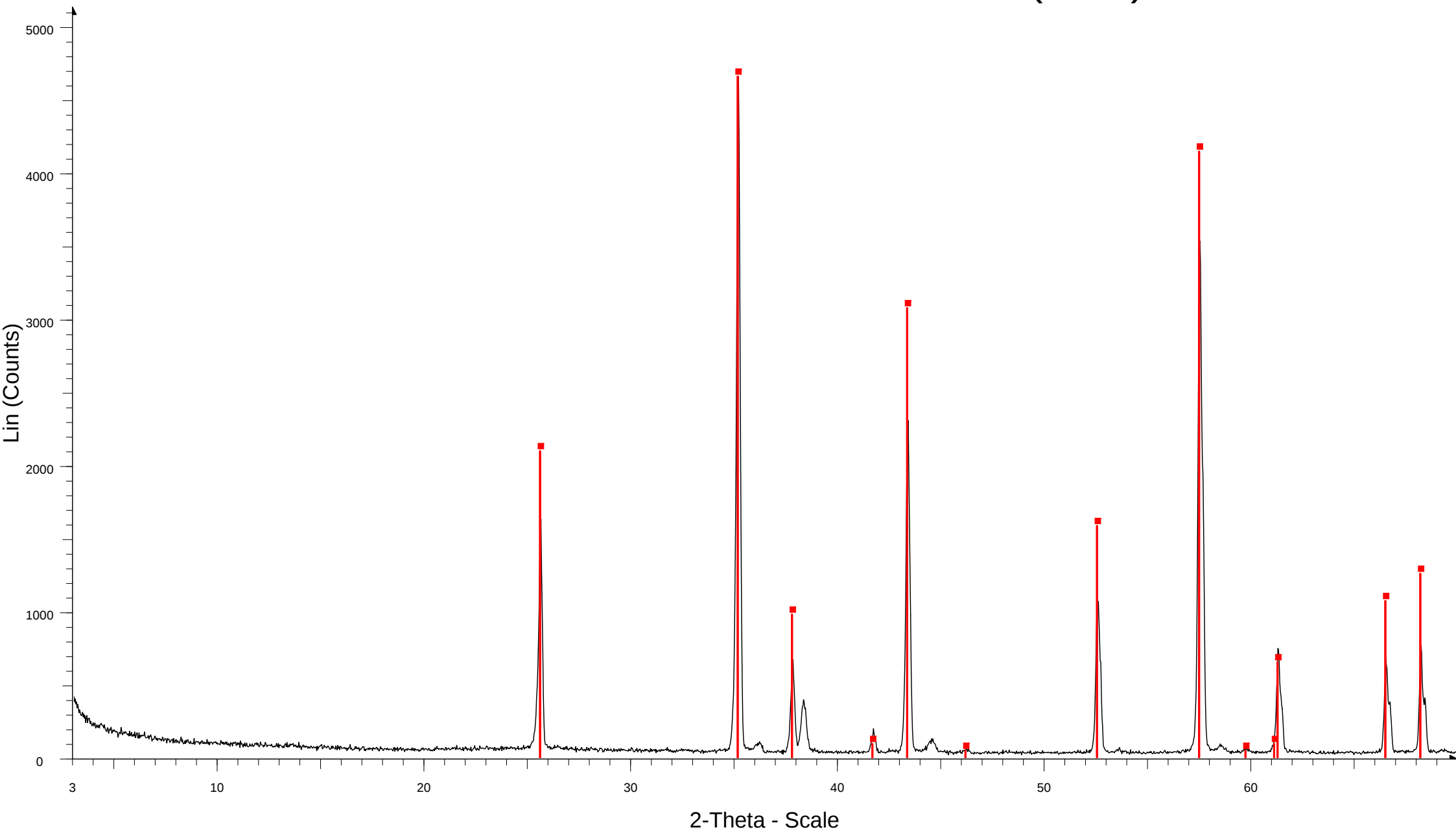


CORINDON GÖBEL-SOLLERS PARALELOS (D8C) 14-05-09



W CORINDON SOLLER PARALELOS 14-05-09 - File: CORINDON SOLLER PARALELOS 14-05-09.raw - Type: 2Th/Th locked - Start: 3.000 ° - End: 69.990 ° - Step: 0.030 ° - Step time: 1. s - Temp.: 954 °C - Time Started: 5 s - 2-Th Operations: Import

00-046-1212 (*) - Corundum, syn - Al₂O₃ - Y: 100.00 % - d x by: 1. - WL: 1.5406 - Rhombo.H.axes - a 4.75870 - b 4.75870 - c 12.99290 - alpha 90.000 - beta 90.000 - gamma 120.000 - Primitive - R-3c (167) - 6 - 254.808 - I/Ic PDF

INFORME DE LA CALIBRACIÓN

Corindon D8C GÖBEL-SOLLERS PARALELOS 14-05-09

Range Number : 1

R-Values

Rexp : 9.08 Rwp : 20.45 Rp : 14.08 GOF : 2.25
Rexp` : 8.94      Rwp` : 20.14 Rp` : 14.09 DW : 0.47

hkl Phase - 1 Le Bail method

Phase name	Corindon
R-Bragg	1.754
Spacegroup	r-3c
Cell Mass	0.000
Cell Volume (Å ³)	254.116(18)
Wt% - Rietveld	0.000
Crystallite Size	
Cry Size Lorentzian (nm)	1090(290)
Cry Size Gaussian (nm)	78.3(24)
k: 0.89 LVol-IB (nm)	61.0(20)
k: 0.89 LVol-FWHM (nm)	67.1(21)
Lattice parameters	
a (Å)	4.75461(14)
c (Å)	12.97990(49)

SRM 1976a Certificate
4.758877(113)
12.992877(164)

h	k	l	m	d	Th2	I	
0	1	2	6	3.47687	25.60012	11.1	
1	0	4	6	2.54866	35.18394	67.9	
1	1	0	6	2.37730	37.81262	10.5	
0	0	6	2	2.16332	41.71841	2.89	
1	1	3	12	2.08351	43.39571	55.3	
2	0	2	6	1.96243	46.22314	0.53	
0	2	4	6	1.73843	52.60357	43.1	
1	1	6	12	1.60001	57.55808	176	
2	1	1	12	1.54524	59.80114	1.66	
1	2	2	12	1.51340	61.19230	4.3	
0	1	8	6	1.50953	61.36646	35.6	
2	1	4	12	1.40327	66.58761	43.5	
0	3	0	6	1.37254	68.28069	48.5	
1	2	5	12	1.33482	70.49115	0.964	