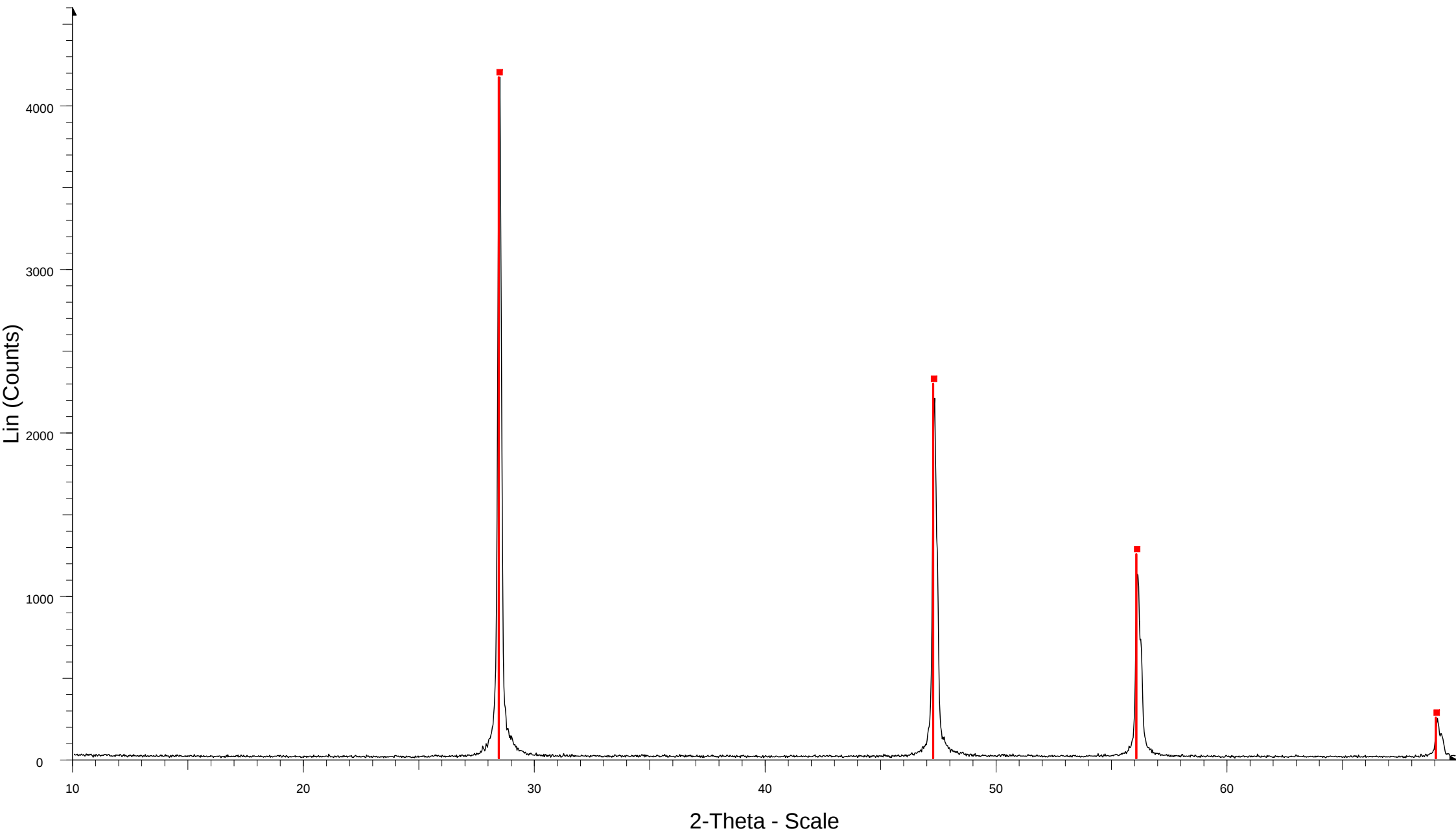


PATRÓN DE SI NIST SRM 640C 23-07-09



W NIST SI XRK900 23-07-09 - File: NIST SI XRK900 23-07-09.raw - Type: 2Th/Th locked - Start: 10.000 ° - End: 69.977 ° - Step: 0.030 ° - Step time: 401. s - Temp.: 23 °C - Time Started: 9 s - 2-Theta: 10.000 ° - Theta: 5.000 ° - Chi: Operations: Import

00-027-1402 (*) - Silicon, syn - Si - Y: 100.00 % - d x by: 1. - WL: 1.5406 - Cubic - a 5.43088 - b 5.43088 - c 5.43088 - alpha 90.000 - beta 90.000 - gamma 90.000 - Face-centered - Fd-3m (227) - 8 - 160.181 - I/Ic PDF 4.7 - F11=4

INFORME DE CALIBRACIÓN

Si NIST 640c D8C 23-07-09

Range Number : 1

R-Values

Rexp : 14.42 Rwp : 18.00 Rp : 11.06 GOF : 1.25
Rexp` : 17.04 Rwp` : 21.26 Rp` : 14.16 DW : 1.54

hkl Phase - 1 Le Bail method

Phase name	Silicio
R-Bragg	0.679
Spacegroup	227
Cell Mass	0.000
Cell Volume (Å ³)	0.00000
Wt% - Rietveld	0.000
Crystallite Size	
Cry Size Lorentzian (nm)	97.1(46)
Cry Size Gaussian (nm)	240(130)
k: 0.89 LVol-IB (nm)	50.1(49)
k: 0.89 LVol-FWHM (nm)	75(10)
Strain	
Strain L	0.000(12)
4 e0	0.0000(31)

Lattice parameters		NIST 640c Certificate
a (Å)	5.42629(16)	5.43311946(92)

h	k	l	m	d	Th2	I
1	1	1	8	3.13287	28.46722	41.4
0	2	2	12	1.91848	47.34571	74.6
3	1	1	24	1.63609	56.17466	61.7
2	2	2	8	1.56644	58.91161	0.0407
0	0	4	6	1.35657	69.19759	20.6