

Project 1

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Project: Project 1
Owner: mittaus
Site: Site of Interest 2

Sample: Sample 1
Type: Default
ID:

Spectrum Label: Spectrum 1

Livetime 60.0 s

Acquisition geometry (degrees):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 39238

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.54	234612

Optimization data : Copper...

	Energy (eV)	Resn. (eV)	Area
Strobe :	.0	49.78	235763
Optimization element :	8038.1	150.94	3163

Sample is polished.

Sample is coated with Chromium - thickness (nm): 15.0, density (g/cm3): 7.19

The element used for optimization was Copper

Detector efficiency : Calculation

Spectrum processing :

Peak possibly omitted : 0.271 keV

Processing option : All elements analyzed

Number of iterations = 4

Standard :

O SiO2 1-kesä-1999 12:00 AM

Si SiO2 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
O K	62.43	1.2171	51.30	1.40	68.85
Si K	40.92	1.0044	40.74	0.69	31.15

Totals 92.04