

Project: Project 1
 Owner: mittaus
 Site: Site of Interest 6

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 = 35943

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.66	235562

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 :

No peaks omitted

Processing option : All elements analyzed

Number of iterations = 4

Standard :

C CaCO3 1-kesä-1999 12:00 AM

O SiO2 1-kesä-1999 12:00 AM

Al Al2O3 1-kesä-1999 12:00 AM

Y Y 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
C K	1.27	0.2444	5.20	1.45	14.98
O K	19.27	0.7312	26.36	1.44	57.02
Al K	10.27	1.0401	9.88	0.36	12.67
Y L	30.85	0.7831	39.39	1.51	15.33

Totals 80.83