

Project: Project 1
 Owner: mittaus
 Site: Site of Interest 7

Sample: Sample 1
 Type: Default
 ID:

Spectrum Label: Spectrum 4

Livetime 60.0 s

Acquisition geometry (degrees):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 36145

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.44	234413

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 = 3

Standard :

O SiO2 1-kesä-1999 12:00 AM

Al Al2O3 1-kesä-1999 12:00 AM

Si SiO2 1-kesä-1999 12:00 AM

P GaP 1-kesä-1999 12:00 AM

Ti Ti 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
O K	11.60	0.5878	19.73	1.64	42.72
Al K	22.50	0.9997	22.51	0.51	28.90
Si K	8.70	0.8110	10.72	0.45	13.23
P K	0.88	1.1117	0.79	0.20	0.89
Ti K	16.91	0.8576	19.73	0.73	14.27

Totals 73.48