

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

Sample: Sample 1
 Type: Default
 ID:

Spectrum Label: Spectrum 3

Livetime 60.0 s

Acquisition geometry (degrees):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 32825

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.28	234725

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 :

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	25.75	0.9029	28.52	1.30	60.38
Al K	5.85	0.9873	5.92	0.29	7.44
Si K	20.64	0.9433	21.88	0.55	26.38
P K	1.93	1.0595	1.82	0.26	1.99
Ti K	4.39	0.8156	5.38	0.44	3.80

Totals 63.53