

Project: Project 1
 Owner: mittaus
 Site: Site of Interest 5

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 = 34332

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.37	236993

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 : 1.920 keV

Processing option : All elements analyzed

Number of iterations = 5

Standard :

C CaCO3 1-kesä-1999 12:00 AM

N Not defined 1-kesä-1999 12:00 AM

O SiO2 1-kesä-1999 12:00 AM

Al Al2O3 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
C K	4.19	0.2917	14.35	1.72	28.28
N K	3.00	0.1790	16.76	2.29	28.31
O K	4.63	0.5712	8.10	1.21	11.98
Al K	38.14	1.0647	35.84	0.60	31.43

Totals 75.05