

Project 1

16.11.2022 10:14:19

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

Sample: Sample 1
Type: Default
ID:

Spectrum Label: Spectrum 2

Livetime 60.0 s

Acquisition geometry (degrees):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 35844

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.46	235392

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 : 6.400 keV

Processing option : All elements analyzed

Number of iterations = 4

Standard :

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%
N K	4.59	0.2533	18.13	1.82	41.42
O K	3.35	0.6058	5.53	1.07	11.07
Al K	44.39	1.1076	40.07	0.62	47.52

Totals			63.73		
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