

Project 1

14.11.2022 12:26:09

Project: Project 1
Owner: mittaus
Site: Site of Interest 4

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 = 44466

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	47.73	235654

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 : 0.268 keV

Processing option : All elements analyzed

Number of iterations = 3

Standard :

P GaP 1-kesä-1999 12:00 AM

Ni Ni 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
P K	9.46	1.1354	8.33	0.50	14.85
Ni K	89.02	0.9833	90.53	2.54	85.15

Totals			98.86		
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