

Project 1

16.11.2022 10:39:35

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

Sample: Sample 1
Type: Default
ID:

Spectrum Label: Spectrum 6

Livetime 60.0 s

Acquisition geometry (degrees):

Tilt = 0.0

Azimuth = 0.0

Elevation = 35.0

Accelerating voltage = 15.00 kV

Total spectrum counts = 35221

Sample data :	Energy (eV)	Resn. (eV)	Area
Strobe :	7.5	46.36	234659

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 :

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

Si SiO2 1-kesä-1999 12:00 AM

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
N K	1.85	0.1839	10.06	1.88	25.16
O K	5.94	0.6485	9.17	1.10	20.07
Al K	6.75	1.1169	6.04	0.29	7.84
Si K	38.00	1.0100	37.61	0.67	46.92

Totals			62.88		
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