

LAMPIRAN

SEMQuant results. Listed at 17:01:40 on 15/05/08
Operator: jaya
Client: Dept. Metalurgi dan Material Universitas Indonesia
Job: Energy Dispersive X-Ray Analysis
Spectrum label: Nano 1

System resolution = 61 eV

Quantitative method: ZAF (2 iterations).

Analysed all elements and normalised results.

1 peak possibly omitted: -0.02 keV

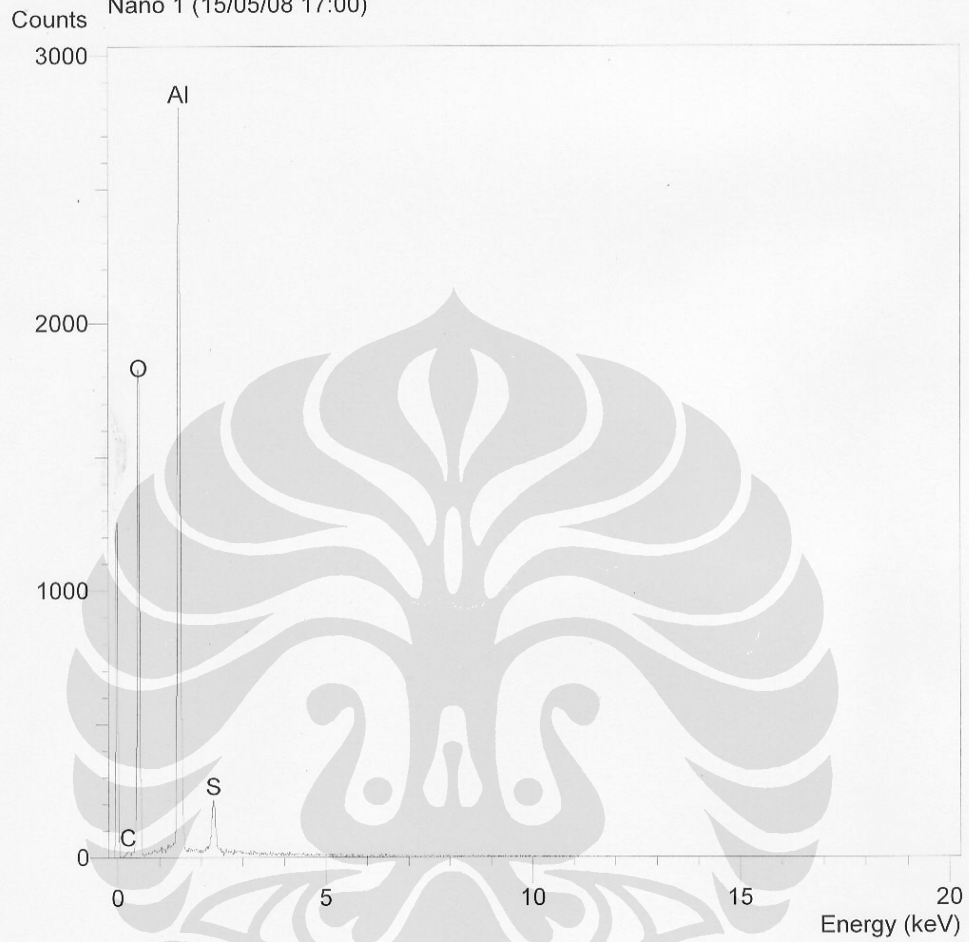
Standards :

C K Carbon Low 13/09/06
O K AL2O3 22/03/06
Al K CeAl2 03/03/07
S K FeS2 22/03/06

| Elmt | Spect. | Element | Atomic |
|-------|--------|---------|--------|
| | Type | % | % |
| C K | ED | 0.49 | 0.83 |
| O K | ED | 47.00 | 60.08 |
| Al K | ED | 46.56 | 35.29 |
| S K | ED | 5.95 | 3.79 |
| Total | | 100.00 | 100.00 |

* = <2 Sigma

Operator : jaya
Client : Dept. Metalurgi dan Material Universitas Indonesia
Job : Energy Dispersive X-Ray Analysis
Nano 1 (15/05/08 17:00)



SEMQuant results. Listed at 16:08:56 on 15/05/08
Operator: jaya
Client: Dept. Metalurgi dan Material Universitas Indonesia
Job: Energy Dispersive X-Ray Analysis
Spectrum label: Nano 2

System resolution = 61 eV

Quantitative method: ZAF (3 iterations).
Analysed all elements and normalised results.

1 peak possibly omitted: -0.02 keV

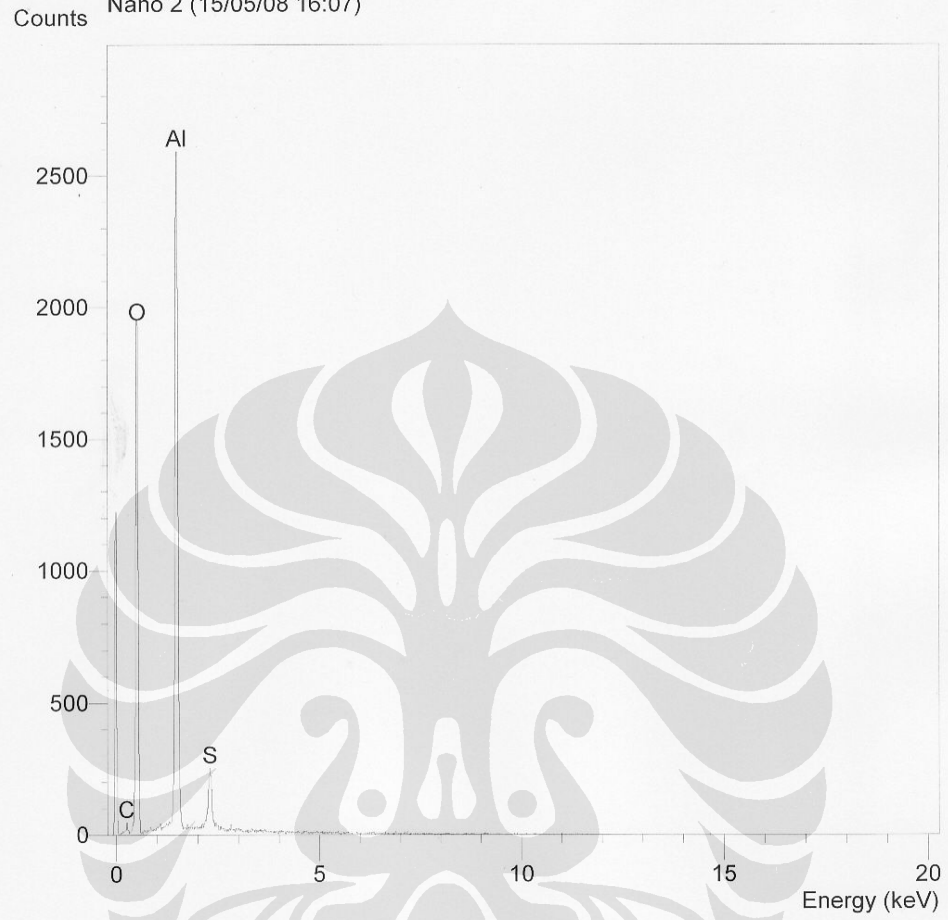
Standards :

C K Carbon Low 13/09/06
O K AL2O3 22/03/06
Al K CeAl2 03/03/07
S K FeS2 22/03/06

| Elmt | Spect. | Element | Atomic |
|-------|--------|---------|--------|
| | Type | % | % |
| C K | ED | 0.58 | 0.98 |
| O K | ED | 48.98 | 61.99 |
| Al K | ED | 43.49 | 32.64 |
| S K | ED | 6.95 | 4.39 |
| Total | | 100.00 | 100.00 |

* = <2 Sigma

Operator : jaya
Client : Dept. Metalurgi dan Material Universitas Indonesia
Job : Energy Dispersive X-Ray Analysis
Nano 2 (15/05/08 16:07)



SEMQuant results. Listed at 15:18:18 on 15/05/08
Operator: jaya
Client: Dept. Metalurgi dan Material Universitas Indonesia
Job: Energy Dispersive X-Ray Analysis
Spectrum label: Nano 3

System resolution = 61 eV

Quantitative method: ZAF (2 iterations).
Analysed all elements and normalised results.

1 peak possibly omitted: -0.02 keV

Standards :

C K Carbon Low 13/09/06
O K AL2O3 22/03/06
Al K CeAl2 03/03/07
S K FeS2 22/03/06

| Elmt | Spect. | Element | Atomic |
|-------|--------|---------|--------|
| | Type | % | % |
| C K | ED | 0.62 | 1.04 |
| O K | ED | 48.83 | 61.82 |
| Al K | ED | 43.68 | 32.79 |
| S K | ED | 6.88 | 4.35 |
| Total | | 100.00 | 100.00 |

* = <2 Sigma

Operator : jaya
Client : Dept. Metalurgi dan Material Universitas Indonesia
Job : Energy Dispersive X-Ray Analysis
Nano 3 (15/05/08 15:15)

