

Amptek Inc XRF Report

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2:47:06 PM 27-Jun-11

Layer Table =====

| # | Thick | Type | Error | Units | Density | Norm. | Total |
|---|-------|------|-------|-------|---------|-------|--------|
| 1 | 0.00 | Bulk | 0.00 | uinch | 0.00 | On | 100.00 |

Sample Table =====

| Layer | Component | Type | Concn. | Error | Units | Mole% |
|-------|-----------|------|--------|-------|-------|--------|
| 1 | Cr | Calc | 27.750 | 0.718 | wt.% | 29.355 |
| 1 | Mn | Calc | 1.246 | 0.134 | wt.% | 1.247 |
| 1 | Fe | Calc | 65.940 | 1.072 | wt.% | 64.946 |
| 1 | Ni | Calc | 4.223 | 0.238 | wt.% | 3.958 |
| 1 | Cu | Calc | 0.043 | 0.012 | wt.% | 0.037 |
| 1 | Mo | Calc | 0.798 | 0.089 | wt.% | 0.457 |

Element Table =====

| Elmt | Line | Cond. | Intensity | Error | Conc. | Calib. |
|------|------|-------|-----------|--------|--------|--------|
| | Code | Code | (c/s) | (c/s) | | Coeff. |
| Cr | Ka | 1 | 1446.57 | 37.452 | 27.750 | 848.8 |
| Mn | Ka | 1 | 84.32 | 9.042 | 1.246 | 977.2 |
| Fe | Ka | 1 | 3668.14 | 59.638 | 65.940 | 720.4 |
| Ni | Ka | 1 | 306.41 | 17.237 | 4.223 | 783.5 |
| Cu | Ka | 1 | 12.08 | 3.422 | 0.043 | 2853.6 |
| Mo | Ka | 1 | 78.17 | 8.706 | 0.798 | 1711.6 |

Condition Table =====

| # | Target | Filter | Thick. | kV | uA | ---Detector--- | Thick. | Atmos | Preset | Actual |
|---|--------|--------|--------|------|-------|----------------|--------|-------|---------|---------|
| | | | (um) | | | Type Filter | (um) | | Time(s) | Time(s) |
| 1 | Ag | None | 1.5 | 30.0 | 30.00 | Si pin None | 500.0 | Air | 0.0 | 4.1 |