WB 2.36 1

Sample Name:

10/9/2025 11:18:54 AM

Creation:

IIT Indore SIC

Author:

**Mahaveer**

**EDAX APEX**

**Mahaveer**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **eZAF Quant Result - Analysis Uncertainty: 11.98 %** | | | | | | | | |
| **Element** | **Weight %** | **MDL** | **Atomic %** | **Error %** | **Net Int.** | **R** | **A** | **F** |
| O K | 52.9 | 0.16 | 72.1 | 10.1 | 156.8 | 0.8959 | 0.2023 | 1.0000 |
| Mg K | 0.6 | 0.33 | 0.5 | 30.8 | 3.3 | 0.9142 | 0.3095 | 1.0060 |
| Al K | 10.2 | 0.27 | 8.2 | 8.7 | 75.6 | 0.9182 | 0.4397 | 1.0068 |
| Si K | 10.8 | 0.26 | 8.4 | 8.1 | 87.3 | 0.9220 | 0.5033 | 1.0059 |
| Ca L | 4.9 | 63.08 | 2.6 | 22.7 | 0.4 | 0.8885 | 0.0761 | 1.0000 |
| Mn L | 1.3 | 11.57 | 0.5 | 73.6 | 0.6 | 0.8994 | 0.0739 | 1.0000 |
| Fe L | 19.4 | 4.91 | 7.6 | 13.6 | 13.2 | 0.9015 | 0.0932 | 1.0000 |

WB 2.36 1

Sample Name:

10/9/2025 11:19:50 AM

Creation:

IIT Indore SIC

Author:

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **eZAF Quant Result - Analysis Uncertainty: 12.35 %** | | | | | | | | |
| **Element** | **Weight %** | **MDL** | **Atomic %** | **Error %** | **Net Int.** | **R** | **A** | **F** |
| O K | 48.3 | 0.3 | 68.2 | 10.5 | 97.5 | 0.8923 | 0.1954 | 1.0000 |
| Mg K | 1.1 | 0.31 | 1.0 | 23.1 | 4.4 | 0.9109 | 0.3096 | 1.0062 |
| Al K | 11.0 | 0.26 | 9.2 | 9.0 | 57.1 | 0.9151 | 0.4359 | 1.0070 |
| Si K | 12.2 | 0.25 | 9.8 | 8.3 | 68.8 | 0.9190 | 0.4953 | 1.0058 |
| Ca L | 4.6 | 99.02 | 2.6 | 23.6 | 0.2 | 0.8847 | 0.0719 | 1.0000 |
| Mn L | 1.1 | 11.72 | 0.5 | 84.8 | 0.4 | 0.8959 | 0.0792 | 1.0000 |
| Fe L | 21.6 | 4.79 | 8.7 | 13.8 | 11.0 | 0.8980 | 0.0993 | 1.0000 |

WB 2.36 1

Sample Name:

10/9/2025 11:20:47 AM

Creation:

IIT Indore SIC

Author:

**Mahaveer**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **eZAF Quant Result - Analysis Uncertainty: 11.55 %** | | | | | | | | |
| **Element** | **Weight %** | **MDL** | **Atomic %** | **Error %** | **Net Int.** | **R** | **A** | **F** |
| O K | 56.4 | 0.04 | 76.5 | 10.0 | 156.4 | 0.8944 | 0.2106 | 1.0000 |
| Mg K | 1.0 | 0.36 | 0.9 | 22.8 | 4.8 | 0.9128 | 0.2877 | 1.0048 |
| Al K | 6.3 | 0.33 | 5.1 | 10.2 | 39.4 | 0.9169 | 0.4129 | 1.0062 |
| Si K | 6.4 | 0.35 | 5.0 | 9.0 | 46.9 | 0.9207 | 0.5034 | 1.0069 |
| Ca L | 6.0 | 92.82 | 3.2 | 18.9 | 0.5 | 0.8869 | 0.0872 | 1.0000 |
| Mn L | 0.1 | 27.36 | 0.0 | 100.0 | 0.0 | 0.8979 | 0.0708 | 1.0000 |
| Fe L | 23.9 | 5.44 | 9.3 | 13.3 | 14.1 | 0.9000 | 0.0903 | 1.0000 |