

## Certificate of Analysis

Date of Testing: 2024-09-06 10:50:28

Date of Next Testing: 2028-09-05 10:50:28

Product Name: **Tungsten**

CAS Number: 7440-33-7(powder)

Specifications & Purity:  $\geq 99.9\%$  metals basis, 50nm

Lot #: I2403038

SKU # **T109166**

Version **0**

Analysis #: **130460**

| Parameter                                       | Limit Values           | Result                 |
|-------------------------------------------------|------------------------|------------------------|
| Total Metallic Impuritie                        | 0-2000 (ppm)           | 884.00 ppm             |
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)           | 99.91 %                |
| Average particle size                           | 40-60 (nm)             | 53.33 nm               |
| Appearance (T109166)                            | Silver to black powder | Silver to black powder |
| ICP: Confirms W Component                       | Confirmed              | Confirmed              |
| X-Ray Diffraction                               | Conforms to Structure  | Conforms to Structure  |



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