

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	47119
<b>Lot Number</b>	003344-9820-020623
<b>Product</b>	<b>Tungsten nanopowder (40~60 nm)</b>
<b>CAS Number</b>	7440-33-7
<b>Molecular Formula</b>	W
<b>Molecular Weight</b>	183.84

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<b>Appearance</b>	Black nanopowder
<b>Trace Metal Analysis</b>	Mo : 25 ppm, Al : 16 ppm, As, Na : 9 ppm, Ca, Mg : 8 ppm, Fe : 14 ppm, Si, Mn : 7 ppm, Ni : 6 ppm, Pb : 5 ppm, K : 64 ppm
<b>Mesh Size</b>	APS 40 - 60 nm, SSA ~8m <sup>2</sup> /g
<b>Purity</b>	> 99.9% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager