

Date Prepared 10-09-07	Revised By: Initial	Date Revised Initial	Approved By: LS	Reviewed QA: WS
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**TYPICAL SPECIFICATION**

PRODUCT:	Iridium (IV) Oxide
CMI PRODUCT NO.	3003
FORMULA:	IrO <sub>2</sub>
THEORETICAL % Ir:	85.3 – 86.3
<u>TEST</u>	<u>REQUIREMENT</u>
Appearance	Black Powder
Starting Metal Purity	99.9% minimum
Storage:	Store in a tightly closed container in a cool, dry place.
Wt. Loss 750°C/1 Hour	<0.5 %
FSSS	<5.0 Micron

Trace Metal Impurities (ppm, metal basis)

Element	Limit	Element	Limit	Element	Limit
Ru	<100	Mo	<50	Zn	<50
Os	<100	Al	<100	Zr	<30
Pt	<200	Ca	<100	B	<30
Rh	<200	Mg	<50	Bi	<30
Pd	<250	Sb	<30	Cd	<30
Au	<100	Pb	<100	Mn	<30
Ag	<100	As	<50		
Fe	<500	Cr	<100		
Cu	<50	Sn	<50		
Ni	<50	Ti	<50		

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