

Date Prepared	Revised	Date Revised	Approved	Reviewed
11-23-05	By: Initial	Initial	By: PK	QA: WS

TYPICAL SPECIFICATION

Product: Chloro(1,5 - cyclooctadiene)
iridium(I) dimer
[CAS #12112-67-3]

CMI Product #: 3020

Formula: $[\text{IrCl}(\text{C}_8\text{H}_{12})]_2$

Formula Weight: 671.68

Theoretical % Ir: 57.2

<u>TEST</u>	<u>REQUIREMENT</u>
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Appearance	Burgundy red crystalline solid
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Chemical Purity:	99%
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Iridium assay:	$57.2 \pm 0.9\%$
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Microanalysis (range):	$28.61 \pm 0.6\% \text{ C};$ $3.60 \pm 0.6\% \text{ H}$
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IR:	Matches that of authentic sample.
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Storage:	Store in a tightly closed container in a cool, dry place.
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Prepared By: Peter Kettler, Ph.D.
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Date: November 23, 2005

