

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

Product: Hydridocarbonyltris(triphenylphosphine)iridium(I)
[CAS #17250-25-8]

CMI Product #: 3022

Formula: $\text{IrH}(\text{CO})(\text{P}(\text{C}_6\text{H}_5)_3)_3$

Formula Weight: 1008.10

Theoretical % Ir: 19.1

TEST

REQUIREMENT

Appearance: Light yellow microcrystalline solid

Chemical Purity: 99%

Iridium assay: $19.1 \pm 0.6\%$

Microanalysis (range): $65.73 \pm 1.0\% \text{ C}$;
 $4.61 \pm 0.6\% \text{ H}$

IR: Matches that of authentic sample.

Storage: Store in a tightly closed amber glass container under an inert atmosphere.

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