

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

**TYPICAL SPECIFICATION**

PRODUCT: Ruthenium (III) Acetylacetonate  
[CAS# 14284-93-6]

CMI PRODUCT NO. 8019

FORMULA:  $\text{Ru}(\text{C}_5\text{H}_7\text{O}_2)_3$

FORMULA WEIGHT: 398.40

THEORETICAL % Ru: 25.4

TEST REQUIREMENT

Appearance red to brown crystalline solid

Chemical Purity: 99%

Ru assay  $25.37 \pm 0.5 \%$

Microanalysis:  $45.22 \pm 0.7 \%$  C;  
 $5.31 \pm 0.6 \%$  H

IR: Matches that of authentic sample

Storage: Store in a tightly closed container in  
a cool, dry place.

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Date: November 23, 2005

