



Certificate of Analysis

Product Name: Vanadium(IV)bis(acetylacetonato)oxide

 Cat. No.:
 CS-0111589

 CAS No.:
 3153-26-2

 Batch No.:
 Lf1128185840

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{14}O_5V$ **Molecular Weight:** 265.16

Storage: 2-8°C, protect from light, stored under nitrogen

Chemical Structure:

$$\begin{bmatrix} H_3C \\ -O \\ -O \end{bmatrix}_2 V=O$$

ANALYTICAL DATA

Appearance: Light green to blue (Solid)

 Assay:
 98.3%

 Vanadium:
 18.90%

 Chloride (≤0.06%):
 Conforms

 Heavy Metals (≤0.001%):
 Conforms

 As (≤0.0005%):
 Conforms

 Water Content:
 0.9%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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Page 1 of 1 www.ChemScene.com