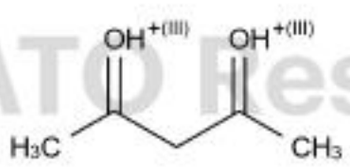
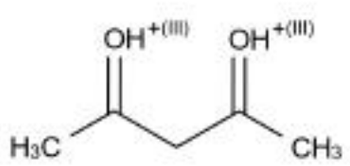
Certificate of Analysis

Reference Material & Standard

Product Name:	3153-26-2 Oxobis(acetylacetonato)vanadium IV Oxobis(pentane-2,4-dionato-O,O')vanadium Vanadium, oxobis(2,4-pentanedionato)- (8CI) Vanadium, oxobis(2,4-pentanedionato-O,O')-, (SP-5-21)- (9CI) Vanadium, oxobis(2,4-pentanedionato-kappaO2,kappaO4)-, (SP-5-21)- Vanadium, oxobis(2,4-pentanedionato-kappaO,kappaO')-, (SP-5-21)- Bis(acetylacetonato)oxovanadium Bis(acetylacetonato)oxyvanadium Bis(2,4-pentanedionato)oxovanadium(IV) EINECS 221-590-8 NSC 116105 NSC 4659 NSC 52327 Oxobis(acetylacetonato)vanadium Oxobis(2,4-pentanedionato)vanadium Vanadium oxyacetoacetonate Vanadyl bis(acetylacetonate) Vanadyl bis(2,4-pentanedionate)	**Catalogue Number:**	C1916484
Synonyms:	N/A	**Lot Number:**	0927-SA-7968
CAS Number:	3153-26-2	**Expiry Date:**	Sep 26, 27
Molecular Formula:	$C_5H_{10}O_2$ $C_5H_{10}O_2$ OV	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	102.13 102.13 66.94	**Warning:**	

Chemical Structure:





O=V(II)

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.376%

Signature:

Prepared by: Lisa Date: Sep 27, 23

Reviewed by: Yuki Date: Sep 27, 23

Approved by General Manager: David Date: Sep 27, 23

CATO Research Chemicals Inc.

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Sep 27, 23	First release.

CATO Research Chemicals Inc.