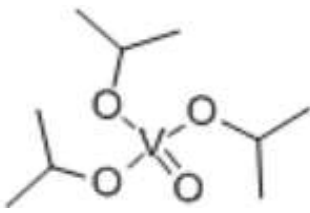




SHANGHAI ORIPHANT CHEMISTY CO., LTD.

源象化学  
ORIPHANT CHEMISTY

### Certification of Analysis

<b>Product Name</b>	Triisopropoxyvanadium(V) oxide	
<b>CAS No.</b>	5588-84-1	
<b>Batch No.</b>		
<b>Date of MFG</b>	2022.08.25	
<b>Date of Test</b>	2022.08.26	
<b>Date of Expiry</b>	2023.08.25	

No.	Test Item	Specification	Result
1	Appearance(Color)	pale yellow-orange	pale yellow-orange
2	Appearance(Form)	liquid	liquid
3	Purity (1H-NMR)	99%min	99%+
4	1H-NMR	confirms to structure	confirms to structure
5	Purity (Based On Trace Metals Anaysis)	99.999% min	99.9999%

**Conclusion: Conform to the standard of electronic grade chemicals**

Analyzer : Hua Wu

Approved: Yuelai Zhang

Report Date: 2022.08.25