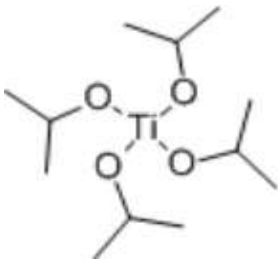


Certification of Analysis

Product Name	Titanium tetraisopropanolate	
CAS No.	546-68-9	
Batch No.	101013003031522001	
Date of MFG	2022.3.15	
Date of Test	2022.3.16	
Date of Expiry	2022.9.15	

No.	Test Item	Specification	Result
1	Appearance(Color)	colorless to pale yellow	colorless to pale yellow
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 Analysis)	99.999% min	99.9999%
Conclusion: Conform to the standard of electronic grade chemicals			
Analyzer :Hua Wu			
Approved:Yuelai Zhang			
Report Date:2022.3.16			