

Certificate of Analysis

Date of Testing: 2022-09-13 13:20:18

Date of Next Testing: 2023-03-12 13:20:18

Product Name: **Titanium(IV) isopropoxide**

CAS Number: 546-68-9

Specifications & Purity: 99.9% metals basis

Lot #: L2102102

SKU #: **T105736**

Analysis: **133737**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.92 %
Density (20°C)	0.95-0.98	0.96
Refractive index n ₂₀ /D	1.462-1.468	1.46
Total Metallic Impurities	0-1000 (ppm)	692.30 ppm
Ti(Complexometric EDTA)	16-17.7 (%)	16.35 %
Color Test	0-25	12.52
Appearance (T105736)	Colorless to light yellow liquid	Colorless to light yellow liquid
ICP:Confirms Titanium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager