

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-31 15:51:07

Date of Next Testing: 2029-01-30 15:51:07

Product Name: **Chlorocyclopentadienyl[(4R,5R)-2,2-dimethyl- α,α,α' -tetraphenyl-1,3-dioxolane-4,5-dimethanolato]titanium**

CAS Number: 132068-98-5

Specifications & Purity: $\geq 97\%$

Lot #: A2628327

SKU #: **C468687**

Version **1**

Analysis #: **615204**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon Content	68.1-73 (%)	69.46000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-250 ~ -230 (°)	-237.10000 °
NMR Spectrum ^1H	Conforms to Structure	Conforms to Structure
Appearance(C468687)	White to light yellow to light beige to light brown powder	White to light yellow to light beige to light brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager