

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-29 10:43:31  
Date of Next Testing: 2028-02-28 10:43:31  
Product Name: (+)-trans-1,2-Cyclohexanedicarboxylic Anhydride  
CAS Number: 71749-03-6  
Specifications & Purity: >98.0%(GC)  
Lot #: B2423400  
SKU #: T161606  
**Analysis: 324821**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.78 %
Melting point	164-168 (°C)	165.27000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in Dioxane)	80-90 (°)	81.86°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager