

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-04 14:55:05  
 Date of Next Testing: 2024-10-24 14:55:05  
 Product Name: **cis-5-Norbornene-endo-2,3-dicarboxylic anhydride**  
 CAS Number: 129-64-6  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: K2201709  
 SKU #: **N100796**  
 Version: **1**  
 Analysis #: **143735**  
 Storage Temperature: Room temperature, Argon charged

| Parameter            | Limit Values                                   | Result                                         |
|----------------------|------------------------------------------------|------------------------------------------------|
| Purity(GC)           | 99-100 (%)                                     | 99.01000 %                                     |
| Infrared spectrum    | Conforms to Structure                          | Conforms to Structure                          |
| Appearance (N100796) | White Powder or Crystals or Granules or Chunks | White Powder or Crystals or Granules or Chunks |
| Proton NMR spectrum  | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager