

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-23 17:14:30  
 Date of Next Testing: 2025-04-12 17:14:30  
 Product Name: **(S)-NMDPP**  
 CAS Number: 43077-29-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D23062112  
 SKU #: **S115637**  
 Version: **1**  
 Analysis #: **187678**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values                        | Result                              |
|------------------------------|-------------------------------------|-------------------------------------|
| Purity(GC)                   | 98-100 (%)                          | 98.50000 %                          |
| Melting point                | 95-99 (°C)                          | 97.20000 °C                         |
| Carbon by Elemental Analysis | 79.6-81.6 (%)                       | 80.21000 %                          |
| Infrared spectrum            | Conforms to Structure               | Conforms to Structure               |
| Proton NMR spectrum          | Conforms to Structure               | Conforms to Structure               |
| Appearance (S115637)         | White crystalline powder or needles | White crystalline powder or needles |



John Su  
QA & QC Manager