

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-20 19:14:48

Date of Next Testing: 2028-10-19 19:14:48

Product Name: **Cyrene™**

CAS Number: 53716-82-8

Specifications & Purity: ≥98.5%

Lot #: J2517659

SKU #: **C478499**

Version: **2**

Analysis #: **586599**

Storage Temperature: Room temperature

| Parameter                                                 | Limit Values               | Result                     |
|-----------------------------------------------------------|----------------------------|----------------------------|
| Specific rotation $[\alpha]_{20/D}(C=1 \text{ in EtOAc})$ | -275~-225 (°)              | -251.10000 °               |
| Water by Karl Fischer                                     | 0-0.5 (%)                  | 0.10000 %                  |
| Purity(GC)                                                | 98.5-100 (%)               | 99.40000 %                 |
| BioRenewable Carbon                                       | 70-100 (%)                 | 100.00000 %                |
| Appearance(C478499)                                       | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                                         | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager